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*** It is now 10/19/2008 11:47:41 AM ***

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- CLAIMS/Current Patent Legal Status (File 123)
- CLAIMS/U.S. Patents (File 340)
- Chinese Patent Abstracts in English (File 344)
- Derwent Patents Citation Index (File 342)
- Derwent World Patents Index (for users in Japan) (File 352)
- Derwent World Patents Index First View (File 331)
- Derwent World Patents Index (File 351)
- Derwent World Patents Index (File 350)
- Ei EnCompassPat (File 353)
- European Patents Fulltext (File 348)
- French Patents (File 371)
- German Patents Fulltext (File 324)
- IMS Patent Focus (File 447, 947)
- INPADOC/Family and Legal Status (File 345)
- JAPIO - Patent Abstracts of Japan (File 347)
- LitAlert (File 670)
- U.S. Patents Fulltext (1971-1975) (File 652)
- U.S. Patents Fulltext (1976-present) (File 654)
- WIPO/PCT Patents Fulltext (File 349)
- TRADEMARKSCAN - U.S. Federal (File 226)

DialogLink 5 Release Notes

New features available in the latest release of DialogLink 5 (August 2006)

- Ability to resize images for easier incorporation into DialogLink Reports
- New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)
- Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
- Support for connections to STN Germany and STN Japan services

Show Preferences for details

? Help Log On Msg

*** ANNOUNCEMENTS ***

*** Join us for Update 2008! Dialog is holding updates this fall in several areas and would love for you to join us. Visit www.dialog.com/events/update to register or enter HELP UPDATES for more information.

*** "Thomson File Histories" are now available directly through Dialog in selected patent and trademark files. Combined with the comprehensive patent and trademark information on Dialog, file histories give you the most complete view of a patent or trademark and its history in one place. When searching in one of the patent and trademark databases, a link to an online order form is displayed in your search results, saving you time in obtaining the file histories you need. See HELP FILEHIST for more information about

how to use the link and a list of files that contain the link.

NEW FILE

***File 651, TRADEMARKSCAN(R) - China. See HELP NEWS 651 for details.

RESUMED UPDATING

***File 523, D&B European Financial Records

RELOADS COMPLETED

***File 227, TRADEMARKSCAN(R) - Community Trademarks

FILES RENAMED

***File 321, PLASPEC now known as Plastic Properties Database

FILES REMOVED

***File 601, Early Edition Canada

>>>For the latest news about Dialog products,
services, content<<<
>>>and events, please visit What's New from Dialog
at <<<
>>><http://www.dialog.com/whatsnew/>. You can find
news about <<<
>>>a specific database by entering HELP NEWS <file
number>. <<<

? Help Off Line

* * *

Connecting to sahmed - Dialog - 291839

Connected to Dialog via SMS00206643

? b

9,15,16,20,47,75,80,88,98,112,141,148,160,275,264,331,
340, 350, 351,
352,369,370,484,553,570,608,620,613,621,623,624,634,6
35,636,647,696,674, 324, 344, 348, 349,
371,810,813,587

>>>W: 352 is unauthorized
1 of the specified files is not available

[File 9] Business & Industry(R) Jul/1994-2008/Oct 13
(c) 2008 Gale/Cengage. All rights reserved.

[File 15] ABI/Inform(R) 1971-2008/Oct 18
(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 16] Gale Group PROMT(R) 1990-2008/Oct 10
(c) 2008 Gale/Cengage. All rights reserved.

**File 16: Because of updating irregularities, the banner and the update (UD=) may vary.*

[File 20] Dialog Global Reporter 1997-2008/Oct 19
(c) 2008 Dialog. All rights reserved.

[File 47] Gale Group Magazine DB(TM) 1959-2008/Oct 03
(c) 2008 Gale/Cengage. All rights reserved.

[File 75] TGG Management Contents(R) 86-2008/Oct W1
(c) 2008 Gale/Cengage. All rights reserved.

[File 80] TGG Aerospace/Def.Mkts(R) 1982-2008/Oct 08
(c) 2008 Gale/Cengage. All rights reserved.

[File 88] Gale Group Business A.R.T.S. 1976-2008/Oct 16
(c) 2008 Gale/Cengage. All rights reserved.

[File 98] General Sci Abs 1984-2008/Sep
(c) 2008 The HW Wilson Co. All rights reserved.

[File 112] UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media. All rights reserved.

**File 112: This file is closed. For more recent UBM/CMP records, please search DIALOG Newsroom files.*

[File 141] Readers Guide 1983-2008/Sep
(c) 2008 The HW Wilson Co. All rights reserved.

[File 148] Gale Group Trade & Industry DB 1976-2008/Oct 15
(c) 2008 Gale/Cengage. All rights reserved.

**File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*

[File 160] Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 275] Gale Group Computer DB(TM) 1983-2008/Oct 08
(c) 2008 Gale/Cengage. All rights reserved.

[File 264] DIALOG Defense Newsletters 1989-2008/Oct 17
(c) 2008 Dialog. All rights reserved.

[File 331] Derwent WPI First View/UD=200865
(c) 2008 Thomson Reuters. All rights reserved.

[File 340] CLAIMS(R)/US Patent 1950-08/Oct 14
(c) 2008 IFI/CLAIMS(R). All rights reserved.

[File 350] Derwent WPIX 1963-2008/UD=200865
(c) 2008 Thomson Reuters. All rights reserved.

[File 351] Derwent WPI 1963-2008/UD=200865
(c) 2008 Thomson Reuters. All rights reserved.

[File 369] New Scientist 1994-2008/Oct W1
(c) 2008 Reed Business Information Ltd. All rights reserved.

[File 370] Science 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 484] Periodical Abs Plustext 1986-2008/Sep W3
(c) 2008 ProQuest. All rights reserved.

[File 553] Wilson Bus. Abs. 1982-2008/Sep
(c) 2008 The HW Wilson Co. All rights reserved.

[File 570] Gale Group MARS(R) 1984-2008/Oct 10
(c) 2008 Gale/Cengage. All rights reserved.

[File 608] KR/T Bus.News. 1992-2008/Oct 19
(c)2008 Knight Ridder/Tribune Bus News. All rights reserved.
**File 608: UD names have been adjusted forward. All data is present.*

[File 620] EIU:Viewswire 2008/Oct 18
(c) 2008 Economist Intelligence Unit. All rights reserved.

[File 613] PR Newswire 1999-2008/Oct 18
(c) 2008 PR Newswire Association Inc. All rights reserved.
**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 621] Gale Group New Prod.Annou.(R) 1985-2008/Sep 25
(c) 2008 Gale/Cengage. All rights reserved.

[File 623] Business Week 1985-2008/Oct 17
(c) 2008 The McGraw-Hill Companies Inc. All rights reserved.

[File 624] McGraw-Hill Publications 1985-2008/Oct 18
(c) 2008 McGraw-Hill Co. Inc. All rights reserved.
**File 624: Journal updates now current*

[File 634] San Jose Mercury Jun 1985-2008/Oct 17
(c) 2008 San Jose Mercury News. All rights reserved.

[File 635] Business Dateline(R) 1985-2008/Oct 18
(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 636] Gale Group Newsletter DB(TM) 1987-2008/Oct 10
(c) 2008 Gale/Cengage. All rights reserved.

[File 647] UBM Computer Fulltext 1988-2008/Sep W3
(c) 2008 UBM, LLC. All rights reserved.

[File 696] DIALOG Telecom. Newsletter s 1995-2008/Oct 17
(c) 2008 Dialog. All rights reserved.

[File 674] Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications. All rights reserved.
**File 674: File 674 is closed (no longer updates).*

[File 324] GERMAN PATENTS FULLTEXT 1967-200842
(c) 2008 UNIVENTIO/THOMSON. All rights reserved.

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office. All rights reserved.

[File 348] EUROPEAN PATENTS 1978-200841
(c) 2008 European Patent Office. All rights reserved.

[File 349] PCT FULLTEXT 1979-2008/UB=20081016|UT=20081009
(c) 2008 WIPO/Thomson. All rights reserved.

[File 371] French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv. All rights reserved.

[File 810] Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 813] PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 587] Jane`s Defense&Aerospace 2008/Sep W3
(c) 2008 Jane`s Information Group. All rights reserved.

?
? S (AUDIO OR SPEECH OR VOICE) (S) VIDEO (S) CAPTION
Processing
Processing
Processing
3011734 AUDIO
1976539 SPEECH
4404084 VOICE
7096918 VIDEO
639562 CAPTION
S1 2450 S (AUDIO OR SPEECH OR
VOICE) (S) VIDEO (S) CAPTION

? S S1 (S) MUT?
Processing

2450 S1
4844234 MUT?
S2 68 S S1 (S)MUT?

? S S2 NOT PY>2002

Processing
Processing
Processing
Processing
Processing
Processing
Processing

68 S2
86174779 PY>2002
S3 33 S S2 NOT PY>2002

? TYPE S3/3,K/ALL

3/3,K/1 (Item 1 from file: 16) [Links](#)
Gale Group PROMT(R)
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05790080 Supplier Number: 50280105

Rogers inventor's box removes TV profanity.
Little, James
Arkansas Business , p 10
August 17 , 1998
Language: English Record Type: Abstract
Article Type: Article
Document Type: Magazine/Journal ; Trade

Abstract:

...TV and removes most of the profanity from TV shows. The device gets the closed-caption text that accompanies most television programs and video cassettes, and it reads ahead to look for vulgarities. When a work matches one in TVGuardian's profanity database, the box mutes the TV's audio briefly, and it can only be turned off with a key. Unlike the V-chip...

3/3,K/2 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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17452693

MAIN NATIONAL ITEMS TO EVENINGS OF JUNE 26

NEW ZEALAND PRESS ASSOCIATION

June 27, 2001

Journal Code: WNZA Language: English Record Type: FULLTEXT

Word Count: 3398

-

...attacked her, Napier District Court has been told. H6594

CASINO-HAMILTON

GOING UP: HAMILTON CASINO CAPTION STORY Hamilton, June 26 - Going up: Mainzeal site manager Graeme Delaney oversees the construction of...

...Hamilton businessman badly burned in his car last Thursday.

H6636

HEALTH-CURRIE NELSON MAN RECOVERS VOICE YEAR AFTER ACCIDENT

Nelson,

June 26 - ``He shook my hand, said it was nice to...colleagues, a fellow

officer said. H6620 BROADCASTING-SKELETONS AUTHORITY UPHOLDS COMPLAINT OVER

TV3 SKELETON SEX VIDEO Wellington, June 26 - The Broadcasting Standards Authority has upheld a complaint against TV3 over a music

video clip showing two skeletons simulating sex. H6537

WELFARE-DRUGDEN FATHER SOUGHT CASH BEFORE MAKING

DRUGS...Convicted murderer

David Bain's bid for freedom has been further delayed. H6719

SQUIRT STUCK

MUTT CHALLENGES FIREFIGHTERS Oamaru, June 26 - Volunteer firefighters in the small North Otago town of Duntroon...

3/3,K/3 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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06480604 Supplier Number: 13176329 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**MITSUBISHI DEMONSTRATES LEADERSHIP IN CLOSED CAPTIONING
TECHNOLOGY**

PR Newswire , p0628LA006

June 28 , 1993

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 495 Line Count: 00042

Recognizing an opportunity to benefit all consumers -- not just the hearing-impaired -- Mitsubishi's 1994 audio/video product line television sets feature closed captioning capabilities that extend beyond the government's requirement to provide basic black-and-white captioning. Mitsubishi sets feature color captioning, a "caption when muting" function and Spanish character sets, as well as four channels of captioning and a separate service of four channels of text. The caption when muting function displays captions when sound is muted and allows viewers to follow a program while pursuing other activities, such as talking on...

3/3,K/4 (Item 1 from file: 340) [Links](#)
Fulltext available through: [Order File History](#)
CLAIMS(R)/US Patent
(c) 2008 IFI/CLAIMS(R). All rights reserved.

3438446 4184841
E/AUTOMATED LANGUAGE FILTER
Inventors:Bray James R (US)
Assignee: Principle Solutions Inc
Attorney, Agent or Firm: Head, Johnson & Kachigian

Publication	Application		
	Number	Kind Date	Number
Date			

19971021	US 6166780	A 20001226	US 97954950
	(Cited in 007 later patents)		
Priority Applic:			US 97954950
19971021			
Calculated Expiration:	20171021		

Document Type:
Non-exemplary Claims:

...10. A method of removing undesirable words or phrases from audio and visible television programming having close-captioned text produced by a television set comprising the steps of: analyzing a synchronized closed-caption component segment of a video signal containing only information corresponding to said audio programming in order to determine if said closed-caption component segment contains undesirable words or phrases; muting a corresponding concurrent audio segment of an audio signal synchronized with said closed-caption component segment when undesirable words or phrases are detected within said closed-caption component segment of said video signal; and removing or replacing with another word or phrase any detected undesirable word or phrase found within said closed-caption component segment; whereby all words or phrases predetermined to be undesirable are prevented from being present in the resulting audio signal or in the closed-caption component of the video signal...

3/3,K/5 (Item 2 from file: 340) [Links](#)

Fulltext available through: [Order File History](#)

CLAIMS(R)/US Patent

(c) 2008 IFI/CLAIMS(R). All rights reserved.

2505843 3458732

E/AUTOMATIC DISPLAY OF CLOSED CAPTION INFORMATION DURING AUDIO
MUTING

Inventors:Forler Joseph W (US); Landis Michael D (US); Teskey
John F (US)

Assignee: Thomson Consumer Electronics Inc

Assignee Code: 20175

Attorney, Agent or Firm: Emanuel, Peter M; Shedd, Robert D;

Tripoli, Joseph

S

Publication

Application

Number

Kind Date

Number

Date

US 5327176 A 19940705 US 9318361
19930301

(Cited in 009 later patents)

Priority Applic:

US 9318361

19930301

Calculated Expiration: 20130301

Document Type:

Abstract: A system for processing audio and video components of a television signal provides for automatic control of closed caption signal display in response to the status of an audio muting feature. The system includes an operating mode in which enabling audio muting also enables the closed caption display and disabling muting disables generation of the closed caption display.

3/3,K/6 (Item 1 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007922272 & & *Drawing available*

WPI Acc no: 1997-010045/199701

Voice mute circuit - has voice signal processing circuit which is controlled by microprocessor with caption circuit corresponding to voice mute demand

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: PARK S

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 199504462	B1	19950501	KR 199119689	A	19911106	199701	B

Priority Applications (no., kind, date): KR 199119689 A 19911106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 199504462	B1	KO	1		

Alerting Abstract ...The circuit includes a voice signal processing circuit which limits the speaker output according to a mute demand by a viewer. A caption circuit demodulates the caption signal in the video signal and provides the caption on the screen. A microprocessor controls operation of the voice signal processing circuit and the caption circuit corresponds to the voice mute demand... ...ADVANTAGE - Provides caption on screen while voice muting is in operation.

3/3,K/7 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007755833 & & *Drawing available*

WPI Acc no: 1996-380555/199638

XRPX Acc No: N1996-320780

Karaoke system using communication circuit - includes lot of terminals that exchange video signal and corresponding audio signal mutually among them to perform karaoke

Patent Assignee: MARANTZ JAPAN INC (MARA-N)

Inventor: TSUZURA T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 8185192	A	19960716	JP 1994337681	A	19941228	199638	B

Priority Applications (no., kind, date): JP 1994337681 A 19941228

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 8185192	A	JA	7	5	

Alerting Abstract ...The system employs a data file in which a character data for a caption display which shows a title screen, words and a performance sequence data containing the performance... ...The image signal for the caption display is formed according to the character data and the corresponding audio signal is formed according to the performance information, included in the performance sequence data. A number of terminals and a microphone are provided to combine that audio signal for the performance. Thus the karaoke is performed by sending and receiving the video and the corresponding audio signals mutually among many terminals...

3/3,K/8 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007094355 & & *Drawing available*

WPI Acc no: 1995-121003/199516

XRPX Acc No: N1995-095495

Television image receiver with closed caption decoder - has subtitles signal processing device to output display unit after checking of subtitles, ON and OFF state of mute button and CCD

Patent Assignee: SONY CORP (SONY)

Inventor: SHINTANI P

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7046500	A	19950214	JP 1993164381	A	19930702	199516	B

Priority Applications (no., kind, date): JP 1993164381 A 19930702

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7046500	A	JA	6	3	

Alerting Abstract ...The receiver has a processor for a video signal and a processor for audio signals. Processing circuits process the signal subtitles. A mute device constituted by the mute controller performs a mute operation on the output signal. A step (S1) involves checking whether the mute button is turned ON. It proceeds to a step (S2) if the button is OFF. The audio signal is muted in this step... ..In a following step (S3) the CCD is checked for its mute mode and if ON, control passes to step (S4), where caption decoder outputs are fed to the CRT. If the mute button is turned ON muting of the audio signal is cancelled in steps (S5) and (S6). The CCD mute mode is checked. On positive response, the control proceeds to step (S7). The display of... ..subtitles quickly. Facilitates checking of program counter contents. Returns to original state quickly. Clear background video image.

3/3,K/9 (Item 1 from file: 351) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPI

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0007922272 & & *Drawing available*

WPI Acc no: 1997-010045/199701

Voice mute circuit - has voice signal processing circuit which is controlled by microprocessor with caption circuit corresponding to voice mute demand

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: PARK S

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 199504462	B1	19950501	KR 199119689	A	19911106	199701	B

Priority Applications (no., kind, date): KR 199119689 A 19911106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 199504462	B1	KO	1		

Alerting Abstract ...The circuit includes a voice signal processing circuit which limits the speaker output according to a mute demand by a viewer. A caption circuit demodulates the caption signal in the video signal and provides the caption on the screen. A microprocessor controls operation of the voice signal processing circuit and the caption circuit corresponds to the voice mute demand... ...ADVANTAGE - Provides caption on screen while voice muting is in operation.

3/3,K/10 (Item 2 from file: 351) [Links](#)

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Derwent WPI

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0007755833 & & *Drawing available*

WPI Acc no: 1996-380555/199638

XRPX Acc No: N1996-320780

Karaoke system using communication circuit - includes lot of terminals that exchange video signal and corresponding audio signal mutually among them to perform karaoke

Patent Assignee: MARANTZ JAPAN INC (MARA-N)

Inventor: TSUZURA T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 8185192	A	19960716	JP 1994337681	A	19941228	199638	B

Priority Applications (no., kind, date): JP 1994337681 A 19941228

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 8185192	A	JA	7	5	

Alerting Abstract ...The system employs a data file in which a character data for a caption display which shows a title screen, words and a performance sequence data containing the performance... ...The image signal for the caption display is formed according to the character data and the corresponding audio signal is formed according to the performance information, included in the performance sequence data. A number of terminals and a microphone are provided to combine that audio signal for the performance. Thus the karaoke is performed by sending and receiving the video and the corresponding audio signals mutually among many terminals...

3/3,K/11 (Item 3 from file: 351) [Links](#)

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Derwent WPI

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0007094355 & & *Drawing available*

WPI Acc no: 1995-121003/199516

XRPX Acc No: N1995-095495

Television image receiver with closed caption decoder - has subtitles signal processing device to output display unit after checking of subtitles, ON and OFF state of mute button and CCD

Patent Assignee: SONY CORP (SONY)

Inventor: SHINTANI P

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7046500	A	19950214	JP 1993164381	A	19930702	199516	B

Priority Applications (no., kind, date): JP 1993164381 A 19930702

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7046500	A	JA	6	3	

Alerting Abstract ...The receiver has a processor for a video signal and a processor for audio signals. Processing circuits process the signal subtitles. A mute device constituted by the mute controller performs a mute operation on the output signal. A step (S1) involves checking whether the mute button is turned ON. It proceeds to a step (S2) if the button is OFF. The audio signal is muted in this step... ..In a following step (S3) the CCD is checked for its mute mode and if ON, control passes to step (S4), where caption decoder outputs are fed to the CRT. If the mute button is turned ON muting of the audio signal is cancelled in steps (S5) and (S6). The CCD mute mode is checked. On positive response, the control proceeds to step (S7). The display of... ..subtitles quickly. Facilitates checking of program counter contents. Returns to original state quickly. Clear background video image.

3/3,K/12 (Item 1 from file: 484) [Links](#)

Periodical Abs Plustext

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04219825 Supplier Number: 99159884 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Parental guidance simplified

Anonymous

Popular Electronics (IPEL) , v16 n5 , p 21

May 1999

ISSN: 1042-170X Journal Code: IPEL

Document Type: News

Language: English Record Type: Fulltext; Abstract

Word Count: 154

Text:

Providing a less sophisticated method of controlling your family's video viewing, Principle Solutions' TVGuardian Foul Language Filter is a set-top box that removes curses...

...captioning, checking each word against an internal dictionary. When it encounters an offensive word, TVGuardian mutes the audio and replaces the closed-caption with a more socially acceptable word. Unlike the V-chip, TVGuardian doesn't block out...

3/3,K/13 (Item 1 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00792437

Transponder Monitor

Interspace

April 10, 2002 Vol.: Document Type: NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH Word Count: 3167 Record Type: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...some changes to the channel numbers for sports channels. The new

EPG channels numbers are: MUTV 406, Sky Sports News 408, The Racing Channel 410, Eurosport UK 412, Eurosport News 413...

...satellite is now devoid of any digital activity, one bonus is that the Astra 1D caption has returned to 10773 MHz horizontal in clear Pal with tone on the 7.02/7.20/7.56/7.74 and 7/92 MHz audio sub-carriers.

23.5 degreesE:

Astra 3A

D - Astra 3A was successfully launched from Kourou...00), WDR 4 and Bloomberg News Radio.

16 degreesE:

Eutelsat W2

D - Live and recorded video footage from the scene of a major fire in Paris was fed over one of...

...on 12380 MHz vertical, SR 27500, FEC 3/4, VPID 3301, APID 3311.

Some 30 audio channels have joined the Yes package for Israel at 11676 MHz vertical, SR 27500, FEC...2014. In the ADD package on 12034 MHz horizontal, SR 27500, FEC 3/4 a caption stating 'ADD World Cup 2002' has appeared via PIDs V3084, A3085 in clear

MPEG-2...E-mail: mike@timik.worldonline.co.uk

SR * Symbol Rate

FEC * Forward Error Correction

VPID * Video Programme Identifier

APID * Audio Programme Identifier

3/3,K/14 (Item 2 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00790015

Transponder Monitor

Interspace

March 13, 2002 Vol.: Document Type: NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH Word Count: 3095 Record Type: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...on the back of Show TV at 11048 MHz
vertical via the 7.92 MHz audio sub-carrier.

36 degreesE:

Eutelsat W4 & Sesat

D - In the Russian NTV+ bouquet TV5 Europe...PowerVu.

A - The Sudanese radio station Multaqah Al-Nilayen has left the
5.80 MHz
audio sub-carrier on the back of Sudan TV at 3905 MHz LHCP. Some
of
the...Polish

TVN package at 11178 MHz horizontal, SR 21100, FEC 3/4 a TVN
Warszawa

caption is

present via PIDs V515, A670. On 10719 MHz vertical, SR 27500, FEC
3/4...

...ID:'TADIRAN SCOPUS'.

A - AssyriaSat has launched at 11163 MHz horizontal in clear Pal
with
audio via the 6.60/7.20 MHz sub-carriers. At present the channel
is

only...MHz

horizontal, SR 24500, FEC 7/8. They are The Travel Channel -
V512, A640 and

MUTV

- V513, A644. Both services are encoded in Conax. Channel 26 from
Israel

has

left 10995...

...A1019; Sudan TV - V1117, A1118 and Arabic Classics 107.3 FM -
A1120.

Radio
station The Voice of Palestine has been missing from 11823 MHz
vertical, SR
27500, FEC 3/4, APID...

...16:00 in clear Pal. It was carried on 11135 MHz vertical and
featured
recorded
video footage of Ciclismo 27, a major road cycling event.

30 degreesW:
Hispasat 1A/B/C...E-mail: mike@timik.worldonline.co.uk

SR - Symbol Rate
FEC - Forward Error Correction
VPID - Video Programme Identifier
APID - Audio Programme Identifier

3/3,K/15 (Item 3 from file: 696) [Links](#)

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00727982

DTV IS CALLED BOTH FAILURE AND BIG SUCCESS

AUDIO WEEK

May 29, 2000 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 1031 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...over-the-air
reception, which it said "would jeopardize the viability of free,
diverse, multiple-voice, local over-the-air broadcast service"
and
give cable upper hand in carriage negotiations.

FCC...transmission system with same channel
carrying more robust data for mobile reception plus standard HDTV
video and audio. Pres. Matthew Miller said NxtWave doesn't
immediately plan mobile product because customers haven't...

...boosters to improve DTV signal coverage. Booster
could be on same channel, ADC said, and mutual interference of
main and booster signals is "manageable." Rules would have to
distinguish between boosters...

...jitter and other
problems. (2) NPR said it supports reallocation of 8288 MHz for
digital audio broadcasting, and FCC should move to keep
broadcasters from choosing channels in that band for their
permanent DTV channels. (3) Motorola and others said Commission
needs to resolve closed-caption compatibility issues involving
DTV, since failure to do so could mean less captioning would
be...

over-the-air
reception, which it said "would jeopardize the viability of free,
diverse, multiple-voice, local over-the-air broadcast service"
and
give cable upper hand in carriage negotiations.

FCC...transmission system with same channel
carrying more robust data for mobile reception plus standard HDTV
video and audio. Pres. Matthew Miller said NxtWave doesn't
immediately plan mobile product because customers haven't...

...boosters to improve DTV signal coverage. Booster could be on same channel, ADC said, and mutual interference of main and booster signals is "manageable." Rules would have to distinguish between boosters...

...jitter and other problems. (2) NPR said it supports reallocation of 8288 MHz for digital audio broadcasting, and FCC should move to keep broadcasters from choosing channels in that band for their permanent DTV channels. (3) Motorola and others said Commission needs to resolve closed-caption compatibility issues involving DTV, since failure to do so could mean less captioning would be...

3/3,K/16 (Item 4 from file: 696) [Links](#)

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00692315

TRANSPONDER MONITOR

INTERSPACE

September 22, 1999 Vol.: Document Type: NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH Word Count: 2894 Record Type: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...VPID 308, APID 256 in clear MPEG-2 for Sky News. The pre-feed identifier caption read "RTV UKI-511 SKY NEWS". The feed was aired live on Sky News. On...

...SKY DSNG".

Immediately following this feed the stream cut to a "SISLink 30 UKI

419" caption followed by a live feed for Central News from outside

the

Pilgrim Hospital in Boston, Lincolnshire. A post feed caption stated

"CENTRAL EAST. SIS30 SNG. +44 (0)802387223". A feed from one ...in

Cryptoworks.

16 degrees E:

Eutelsat-W2

D. At 1200 on September 11 the following caption for the French channel M6 was sighted over colour bars on 12524 MHz horizontal, SR...

...channel for Kosovo launched on

September 19 at 11489 MHz horizontal in clear PAL with audio via the

6.60 MHz and 7.20 MHz subcarriers. The official title is

Radio...to-air

MPEG-2 last

week. It has now been replaced by a Kingston TLI caption. Radio Limerick One TV (RLO) (see also Hotbird 13 degrees East) is still absent from...

...53. The channel has been

missing for several weeks after a reported technical problem. A

caption here states: "We regret that due to technical difficulties we are unable to bring you...

...APID 256 for a short while during the evening of September 20 although no other video activity was observed.

0.8 degrees /1 degrees W:
Thor 1, 2 & 3 & Intelsat-707...

...Conax encryption. Manchester United TV is new at 12303 MHz vertical, VPID 512, APID 640. MUTV, along with Sky News, Discovery Sci-Trek, Discovery Civilisation and Discovery Travel & Adventure has joined...identified as "IBC TV" and the entire content is made up of brief snippets of video from a large number of channels including Saudi TV, Kuwait TV, TV5, CFI Afrique and Iran's IRIB TV. No audio is available. At times a mosaic screen is shown featuring 16 live video shots from a range of European, African and Middle Eastern channels.

7 degrees W:
Nilesat...

...At the same time 11460 MHz, with the same parameters as 11469 MHz, was relaying video from a different German horse racing meeting. At 0700 on September 19 a press conference...C.N.R. Isleta".

31.5 degrees W:
Intelsat-801
D. A "BT Paris +33155202424" caption was present on 10975 MHz vertical, SR 5631, FEC 3/4 at 1825 on September...

...4, VPID 308, APID 256. The EPG info was "24 Mbit". A Tower Broadcast Centre caption was observed on 10978 MHz vertical, SR 5632, FEC 3/4 at 1915 on September...extreme and bizarre sporting events on PIDs V201, A202. Dutch commentary is provided on the audio stream.

43 degrees W:

PAS-3R & PAS-6

D. The Latin American bouquet from Televisa...

...All times in UTC unless otherwise stated.

SR - Symbol Rate

FEC - Forward Error Correction

VPID - Video Programme Identifier

APID - Audio Programme Identifier

3/3,K/17 (Item 5 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00622966

MACHINE THAT DELETES FOUL WORDS NOW SOLD IN VIDEO STORES

VIDEO WEEK

September 7, 1998 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 341 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...top box from Rogers, Ark.-based Principle Solutions.

Inventor Rick Bray said company's TVGuardian mutes nearly 100 obscenities stored in device's memory and deletes them from closed-caption display. TVGuardian also restricts other "questionable language" such as derogatory references to race, religion and...

...close-captioning signal encoded on most telecasts and videos, which is transmitted slightly ahead of audio signal. TVGuardian then cross-references text against preprogrammed vocabulary of potentially offensive words and phrases...

...95% accuracy rate, Bray said, with most lapses attributable to errors in closed-captioning, including caption out of sync with soundtrack.

Box deleted 66 of 67 instances of profanity in movie...
...programs.

TVGuardian has lockout to prevent tampering, for example by children or babysitters. In closed-caption mode, box offers option to indicate that words have been deleted, Bray said. It's...

...www.tvguardian.com), and will be available at retailers nationwide soon, Bray said. Sunrise Family Video, rental store in American Fork, Utah, that's been editing Titanic at buyers' requests for...

3/3,K/18 (Item 6 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00622795

SET-TOP CUSS BOX DEBUTS

CONSUMER ELECTRONICS

September 7, 1998 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 345 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...top box from Rogers, Ark.-based Principle Solutions.

Inventor Rick Bray said company's TVGuardian mutes nearly 100 obscenities stored in device's memory and deletes them from closed-caption display. He said device also restricts other "questionable language" such as derogatory references to race...

...close-captioning

signal encoded on most telecasts and videos, which is transmitted slightly ahead of audio signal. TVGuardian then cross-references text against preprogrammed vocabulary of potentially offensive words and phrases...

...Box has lockout code to prevent tampering, for example, by children or babysitters. In closed-caption mode, TVGuardian offers option to indicate that words have been deleted, Bray said.

It's...

...www.tvguardian.com), and will be available at retailers nationwide soon, Bray said. Sunrise Family Video, rental store in American Fork, Utah, that's been editing Titanic video at buyers' requests for content they deem offensive, already sells set-top box (see separate...

3/3,K/19 (Item 1 from file: 324) [Links](#)

Fulltext available through: [Order File History](#)

GERMAN PATENTS FULLTEXT

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0001922604

BILDPLATTENSPIELER

VIDEO DISC PLAYERS

Patent Applicant/Assignee:

RCA CORP 10020 NEW YORK, N.Y., US,, US

Inventor(s):

FERGUSON JAMES MILTON, LEVITTOWN, PA., US,, US

CHEN THOMAS YUAN-GE, FLEMINGTON, N.J., US,, US

GIBSON WALTER GOLD, PRINCETON, N.J., US,, US

Publication & Filing Information

	Serial Number	Kind	Date
Publication	DE 3237042	A1	19830421
Application	DE 3237042		19821006

Priority application(s): US 81309193 19811006 (Original format: US 30919381)

Publication Language: German ; Application Language: German

Fulltext Word Count (English): 6895

Fulltext Word Count (German) : 5747

Fulltext Word Count (Both) : 12642 Fulltext Availability: Description (English machine translation) Claims (English machine translation) Description (German)Claims (English machine translation)...3/18), responsive to the Tideosignalgemisch, to seizing the horizontal-2 0 synchronous component of the video signal mixture and supply of an appropriate output signal;a phase-synchronized loop (320), inserted... ..frequency to the receipt of INSERT data, an exit for the supply of an IN SERT-video of signal for a Easterdarstel-lung the INSERT data into p oint matrix form and a... ..mechanism exit- and contains alternatively an arrangement (22) wedges 35 to couple in order the video signal mixture or the vertical-time ex pensive signal on the output terminal. 1o. Videodisc player... ..order sequentially Yertikal-time expensive signals regardless of a parti al or complete interruption of the video signals recovered by a play ed recording plate. There is videodisc players well-known, in whom... ..played the videodisc with vorbe-tuned constant angular speed turns and a customer transducer a video output signal of the plate recovers, wh ichis then converted to the creation to a desired TV home receiver. It is n ot favourable, the video output signal during the "break"- mode of o peration of the record player to close or... ..signal is recovered by the plate. An example of a videodisc player with such a muting, which is usually named the technical term "Squelch", isdescribed in US-patent specification 4-286... ..35 towards TV home receivers during the duration of the Squelch-to block age of the video signal. This can have as a consequence that with re sumption of the playing procedure the... ..is more near treated inthe UES-patent application Br. 297,056, those und er the title "VIDEO DISC PLAYER HAVIUG AUXILLIARY VERTICALLY SYUECHR 01TI-ZIHG GEHERATOR" on the name G. M. Yenine to... ..the record player in the mode of operation "break" works (with Squelch-b lockage of the video output signal), then the synchronization between the record player and the assigned TV home receiver... ..order a vertical-reference signal its frequency equal the vertical-time expensive component of the video signal mixture

is a correct phase relationship between the output signal frequency-divisor and the vertical-time expensive component of the recovered video signal mixture with the help of a detector adjusted, which prevents the vertical-Zeitsteuerkomponente from the video signal mixture separates and it on a synchronization entrance (Eingang) of the frequency divider gives. If the frequency divider is synchronized, the video signal can become closed, and the frequency divider 5 supplies further the reference signal in the... adjusted last by the vertical seized by the mentioned detector-time expensive component of the video signal mixture. In videodisc players of the managing described general type the video signal mixture can be intoxication afflicted (e.g. due to disk defects). This noise can... divider. In further US-patent application of G. M. Wine, who was submitted under the title "VIDEO PLAYER EQUIPMENT HAVING CAPTION GENERATOR" on 28 September 1981, is described a videodisc player, which a microprocessor contains, which accompanying data of the recovered video signal processes and a pattern generator steers, the one video signal for so-called produces width unit "INSERT", i.e. for an indication which can be inserted, which together with by the plate of recovered video signal mixture (i.e. the "picture"-video signal) on a TV home receiver is shown. Time expensive signal-processing unit seizes those time-expensive y-components of the recovered video signal mixture and puts it to the pattern generator, in order to synchronize the "INSERT"-video signal with the "picture"-video signal. With conditions, on which the time expensive components of the video signal mixture are interrupted, the mentioned processing unit produces "replacement"-and it supplies time expensive signals... home receiver to be represented can, regardless of a partial or complete interruption of the video signal mixture. With a typical execution form that time expensive signal-processing unit becomes "replacement"... full count value is put back and supplies thus no output signals. However if the video signal mixture is interrupted, then the counter is not put back and does not begin... certain unwanted Bauscheffekten described above to be subjected can. If e.g., which contains recovered video signal mixture an intoxication signal impact, which falsely as valid vertical-sync signal is seized... source of help,-time expensive signal regardless of a partial or complete interruption of the video signals recovered by a played videodisc orders zeitsteuerimpulse produces, and in which the probability of... the unteransprechen. A videodisc player according to invention contains a recovery mechanism for supply of a compound video output signal (video signal mixture), which a vertical-time expensive component contains, and in which during a selected... order to produce a frequency reference signal proportionally for the line frequency of the recovered video signal mixture. A third mechanism speaks on purchase-composite signal on, in order sequentially a... signal with a frequency to produce, which is proportional the field frequency of the recovered video signal mixture. A fourth mechanism puts the data flag to the third mechanism, in order... temporal relationship with the vertical -, produced by the third mechanism, has time expensive component recovered video signal gemischt. Finally a fifth mechanism is intended, in order the vertical produced by the... 4,080,625. The FM-Signal of the exit of the TMWandler 14 becomes on audio/video-processing unit 16 given, which at the exit a baseband-sound signal S1 and baseband-a video signal mixture S2 supplies, which contains synchronous impulses VS as time expensive components horizontal-synchronous... of time base errors and a switching configuration for format conversion, in order the recovered video signal from the "format with embedded subcarrier" (like it in US-patent application 3 8... specification 4,200,881 are Signalverarbeitungseinrichtungen described, which for the recording and rendition of a video signal mixture of the PAL-format are suitable. The baseband-sound signal S1 becomes on... the connection at the antennas a course of a television-receiver (not represented). The baseband-video signal mixture S2 becomes over a video switch 22 (in. Case of the represented normal

st hurrying 1T this switch) on the video-modulation entrance of the modulator 18 given, the modulated picture-and clay/tone carrier waves... ..of a data signal recovered by the plate 12 for the supply of an INSERT-video exit.-20 of signal SA -, the production of a video blanking signal S5 for the controlling of the position of the video switch 22 and the attitude of the mode of operation of a horizontal-time expensive... ..data flag to the controller 24, which processes the data item then, over the INSERT-video signal S4 to produce a suitable execution form of the PCM-demodulator in the processing... ..application IR 084.465, those on 12 October 1979 under the title "IMPBOVED DIGITAL 01 VIDEO EECOKDING AND PLAYBACK SYSTEM" on the Famen T. J. ' Christopher and G. B. Dieterich were...
 ...switch operates the pattern generator 35 accordingly sets the INSERT-data signal into an INSERT-video signal S6 over, well-chosen are suitable to represent the INSERT in point matrix form on the scanned raster. The INSERT-video signal S6 is synchronized with the video signal mixture S2, with the help of a point clock pulse and lines-or horizontal-frequency... ..which of a vertical-time expensive unit 36 it-- " * " 3237042 witnesses becomes. The synchronized INSERT-video signal S6 is then combined in a combination circuit 40 with the sync signals pH and FV, and the resulting signal S7 is put to the pole S of the video switch 522. The video switch 22 steered by the video blanking signal S5 supplied by the controller 24 and by an INSERT-background signal 10... ..if the signal S5 >still the signal S8 is present, the switch 22 couples the video signal mixture S2 on the modulator 18. If one or both of the signals S5... ..in its" replacement "- position S is switched and couples in the mentioned way from the INSERT-video signal and time expensive signals combined signal on the modulator 18. For the illustration of... ..of an appropriate control switch ("rendition") in the switch unit 30. In this fall the video blanking signal S5 is and the switch 22 is "low " in its Uormalstellung, whereby it couples the video signal mixture S2 "to the modulator, until the part of the Easters planned for the INSERTmodulator 18. This procedure repeats itself for each field, so that the INSERT and the video signal mixture are represented as interlocked picture on the screen of the receiver attached at... ..the "break"-mode of operation is transferred in this mode of operation is closed the "video signal mixture by Squelch, 5 the needle in the transducer 14-raised, and" the video-blanking signal 35 is active ("highly") so that the switch 22 in the position S is... ..if held the normal playing procedure again, are thus the time expensive components again-appearing "video signal-mixture in phase with the signals FH and FV, and it does not arise... ..the same frequency as the component HS (the lines-or line frequency) * ' * 3237042 of the recovered video signal S2 has. The signal FV however should fulfill the following conditions for the purposes... ..frequency of the vertical-synchronous component VS 5 (field-or line frequency) of the recovered video signal, secondly a pre-determined temporal relationship with this component VS and thirdly a very... ..ways 52 and 54 is with the Viedergewinnungseinrichtung 10, 12, 16. Over the way 52 the video signal mixture is given to S2 on a first entrance of the unit 32, and... ..the same frequency, always directly or indirectly representatively for the horizontal-synchronous component HS of the video signal mixture S2 is. If thus the signal S2 is not through Squelch closed or... ..with up-step each error free data item in the vertical interval of the recovered video signal mixture to synchronize. The data flag could ge wuenschtenfalls directly to the synchronization entrance unit... ..the error in the phase of the Flip-Flops within only one field of the recovered video signal mixture is corrected. Subsequently, 1?lip-3?lop 208 his normal interrelation again up...
 Claims (German)

3/3K/20 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00773016

Data multiplexing and/or demultiplexing and data recording media

Multiplexierung/Demultiplexierung von Daten und Datenaufzeichnungsmedien

Multiplexage/demultiplexage de donnees et milieux d'enregistrement de donnees

Patent Assignee:

- SONY CORPORATION; (214021)
7-35 Kitashinagawa 6-chome Shinagawa-ku; Tokyo 141; (JP)
(Applicant designated States: all)

Inventor:

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6-7-35 Kitashinagawa; Shinagawa-ku, Tokyo 141; (JP)
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Legal Representative:

- Pilch, Adam John Michael et al (50481)
D. YOUNG & CO., 21 New Fetter Lane; London EC4A 1DA; (GB)

	Country	Number	Kind	Date	
Patent	EP	723376	A2	19960724	(Basic)
	EP	723376	A3	20001213	
Application	EP	96300268		19960115	
Priorities	JP	956902		19950120	

Designated States:

AT; DE; ES; FR; GB; IT; NL;

Related Divisions: Patent (Application): (EP 2005077211)

International Patent Class (V7): H04N-007/52Abstract Word Count: 194

NOTE: 6

NOTE: Figure number on first page: 6

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	885

SPEC A	(English)	EPAB96	7490
Total Word Count (Document A) 8375			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 8375			

Specification: ...the caption data is previously stored in a ROM and is read out therefrom.

The video data, audio data and caption data encoded by a variable rate method are mutually different in amount per unit time. Accordingly, the time stamp controller 135 outputs control signals...

3/3K/21 (Item 2 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00631229

Automatic display of auxiliary video information during audio muting

Automatische Zusatzfernsehinformationsanzeige wahrend der Stummschaltung

Affichage automatique d'information video auxiliaire pendant la suppression du son

Patent Assignee:

- THOMSON CONSUMER ELECTRONICS, INC.; (1066931)
600 North Sherman Drive; Indianapolis Indiana 46201; (US)
(applicant designated states: DE;ES;FR;GB;IT)

Inventor:

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Legal Representative:

- Wordemann, Hermes, Dipl.-Ing. (61961)
Thomson Consumer Electronics Sales GmbH Postfach 91 13 45; 30433 Hannover; (DE)

	Country	Number	Kind	Date	
Patent	EP	614315	A2	19940907	(Basic)
	EP	614315	A3	19950111	
	EP	614315	B1	19981111	
Application	EP	94102617		19940222	
Priorities	US	18361		19930301	

Designated States:

DE; ES; FR; GB; IT;

International Patent Class (V7): H04N-007/087; ; Abstract ...A2

Abstract Word Count: 72

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9846	450

CLAIMS B	(German)	9846	406
CLAIMS B	(French)	9846	497
SPEC B	(English)	9846	2359
Total Word Count (Document A) 0			
Total Word Count (Document B) 3712			
Total Word Count (All Documents) 3712			

3/3K/22 (Item 1 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00903693

FILTERING OBJECTIONABLE MULTIMEDIA CONTENT

FILTRAGE DE CONTENU MULTIMEDIA INDESIRABLE

Patent Applicant/Patent Assignee:

- CLEARPLAY INC

2190 Claremont Drive, Bountiful, UT 84010; US; US(Residence); US(Nationality)

Inventor(s):

- JARMAN Matthew T

3830 South 3100 East, Salt Lake City, UT 84109; US

Legal Representative:

- NYDEGGER Rick D(et al)(agent)

Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111; US;

	Country	Number	Kind	Date
Patent	WO	200237853	A1	20020510
Application	WO	2001US30481		20010927
Priorities	US	2000694873		20001023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14952

Detailed Description:

...manner that is more suitable for most ages.

The prior art also has taught that audio portions of multimedia content may be identified and filtered during the decoding process by examining the closed caption information for the audio stream and muting the volume during segments of the stream that contain words matching with a predetermined set... ..most ages. This art is limited in its application since it cannot identify and filter video segments and since it can only function with audio streams that contain closed captioning information. Furthermore, filtering audio content based on closed captioning information is imprecise 'due to poor synchronization between closed captioning information and the corresponding audio content.

SUMMARY OF THE INVENTION

5 These and other problems with the prior art are...

3/3K/23 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00901715

CLIENT-SERVER SYSTEM WITH FILTERING OF AUDIO-VIDEO CONTENT
SYSTEME CLIENT-SERVEUR AVEC FILTRAGE DE CONTENU AUDIO-VIDEO

Patent Applicant/Patent Assignee:

- CLEARPLAY INC

2190 Claremont Drive, Bountiful, UT 84010; US; US(Residence); US(Nationality)

Inventor(s):

- JARMAN Matthew T

3830 South 3100 East, Salt Lake City, UT 84109; US

Legal Representative:

- NYDEGGER Rick D(et al)(agent)

Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111; US;

	Country	Number	Kind	Date
Patent	WO	200235840	A1	20020502
Application	WO	2001US31169		20010927
Priorities	US	2000695102		20001023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14368

Detailed Description:

...manner that is more suitable for most ages.

The prior art also has taught that audio portions of multimedia content may be identified and filtered during the decoding process by examining the closed caption information for the audio stream and muting the volume during segments of the stream that contain words matching with a predetermined set... ..most ages. This art is limited in its application since it cannot identify and filter video segments and since it can only function with audio streams that contain closed captioning information. Furthermore, filtering audio content based on closed captioning information is imprecise due to poor synchronization between closed captioning information and the corresponding audio content.

SUMMARY OF THE INVENTION

These and other problems with the prior art are overcome...

3/3K/24 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00753844

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING
COLLABORATIVE APPLICATION SHARING
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR LA CREATION D'UN
PARTAGE D'APPLICATIONS EN COLLABORATION

Patent Applicant/Patent Assignee:

- AC PROPERTIES B V

Parkstraat 83, NL-2514 JG, 'S Gravenhage The Hague; NL; NL(Residence);
NL(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

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only for: US)

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(Designated only for: US)

Legal Representative:

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Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-
0746; US;

	Country	Number	Kind	Date
Patent	WO	200067227	A1	20001109
Application	WO	2000US12289		20000505
Priorities	US	99305719		19990505

Designated States: (Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,
DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 66555

Claims:

...o Mo.

InterestIRate 0.04@FIGURUE 51-7 Source Iteni/TargeL Fire RuleQuestionj@M@ Video
Informationapping an eedbackFollow Up QuestionFollow Up QuestionFollow Up
QuestionFIGURE 52... ..sBDME4-cjo What is BDMI' Agg: 001 - I ntro - WWhat is BDM
VideoLaj TargetGroups2j Target6roupTargetsI ntro Q1FTI 002 - Intro - How Long is
BDM?F... ..multimedia course aimed at middle levelmanagement</T>Coachitem ID:
25Name: lWhat is BDM VideoType @ @IS tand Alone Parp6t I extSequence No:FChild
DisplayCount:i fF... ..ILICP2 UCP3 ILICP4 ILICP5 CrOAltMinf 99 F-m F 9 F-999 F
9MUT -9gF F779F@999 F777W#Subs %+Att %+T t A R I %+Re[maxT-iFF@..
F77779F77WF Choices in ModelCaption:Option Choices on ScreenQ!/? TaigetGtroups4j
Oyetall Recommendations..... ---- -----Figure 694/517@PO Sourceloage...
...Multiple tasks7630 7650 7640Figure 76Assembly of Telephone Operator Training
Simulation6-7AUDIO VIDEO TEXTGRAPHICS7750
11774077307710ANIMATION77207700 fEEI7760FIGURE 775... ..Figure 79Telephone
Operator TrainingSimulation ExecutionSimulationServer8060 Link fromStudent to Server
Video,Graphics,Text,Animation8040Audio Headset8000Student and8030microphoneFigure
80Telephone Operator Simulationexecuted8100Student requests... ..9106091130
0911501140 AP 91070NOHAT? 91 000S 9115091000YES VIDEO 91170AUDIO
91180TEXT 91190WHITEBOARDL@- 91200-APPLICATIONSHARING
91210INTERNETBROWSING t'- 91220(@91000FIGURE 91...

3/3K/25 (Item 4 from file: 349) [Links](#)

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00546954

INTERACTIVE TELEVISION CONTROL/OPERATING SYSTEM
SYSTEME INTERACTIF DE FONCTIONNEMENT ET DE COMMANDE DE
TELEVISION

Patent Applicant/Patent Assignee:

- DANMERE LIMITED

- AUSTIN Kenneth

Inventor(s):

- AUSTIN Kenneth

	Country	Number	Kind	Date
Patent	WO	200010327	A1	20000224
Application	WO	98GB3140		19981021
Priorities	GB	9817421		19980811

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
YU, ZW, GH, GM, KE, LS, MW, SD, SZ, UG,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM,
AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE,
SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 17420

Claims:

...hereinbefore described.

69 A system for recording a digitally transmitted television broadcast on an analogue video cassette recorder or other analogue device whilst viewing another digital broadcast, the system comprising two... ..an analogue signal using the digital to analogue converter and relayed to

9analogue video cassette recorder or other such analogue device, whilst leaving the other digital tuner available for... ..CDF Go and commandsMenu of.f command241Menu on commandIMAGE PAN & CAPTION CONTROL16uUPcna &Iw 16 L*ocn--I LEFT FLIGHT 6... ..I 5 0 5 F I G 0 6 F I (mwZOOM CONTROL & CAPTION SIZE SNAPSHOT C,cn ZOOMIN ZOOM x2 PRINTAwch 10 iimi-i- wii... ..ZOOM OUT NORMAL SNAPSHOTrmcnF I G o 8 FIG*9 FIG010Caption detailcnwCacnF I G 1 240

Associated soundfile 4... ..Picture5 6 7 8M Move cursor overpicture to play soundand or video clip Picture Picture Picfi9 10 11Click picture to enlargeM

@&666ns;'Cursor... ..D VD0 VHS Auto TmcMng SQY@Q@Cb oAdd index or datato video signal m<LAnalog or digital 4,tunersReceive TV TI

TVpicturebroadcasts Tuner signal...Hard disk or other media image eifor storing View List, Vi eoCPUAudio, Snapshots etc systemrM 87Sends VCR IRcodes & receiveshandset commands 8 Memory16C Text or graphicsfor TVMicrophone screen and commands75Memoryfor VCR characterisation i.e. mute, enlarge etcdata, View List, Audio, Snapshots, +software etc 'INPrinter portIR transceiver Microphone IR transceiver73 75

73100stop Pkrroo-,,w 1 0 5Cn4 Toggle enlargeUdi @note&mbnu.,Anction71Audio notes fu121101mark -skip -,Enlargd@on/offcn ..ol 2 3 Toggle main... ..edi 11 5 Take aMsnapshotF oo @ @L4'117lognew info stat Video11 3 129 segment 8w o nloff

W"IO125Remotecontrol unitSpeaker... ..ICn'-7CnC:-4 MCU includes ADC & DA C,M ClockEn runs voice note software andXM IRjunctionsM731MSends VCRITVISettop box IR codes & Memo Speakerdigitised sounds 781Microphone 76 FIG 025digital tuner Signal Video data CPU unpacks video and Displays optionsReceives TV broadcasts demodulators & selector data and decompresses enlarges image e& data 200 'd encoder PAL, NI@ DC 206TI AD@@ V,Video Tuner QPSK/Dec & systemMPEG20 206 206 DecIL LIcnADC@ CPU Videocn T QPSK/Dec & system--lop 0MPEG Q@CDDecModem Port 205M... ..209 Hard diskSends VCR IR 2,11 for storingcodes & receives Memory Clock/timer Audio, Sna,handset commands Cache commerci .a& voice CPU Runs memorysoftware 202Memoryfor VCR characterisationdata, View List, Audio, Snapshots,software etc 203 F I Gcli k to scroll up list240Selected...Alpha numericcode word3120 CPU unpacks data stream into DisplaysReceives TV broadcasts Signal video, EPG and adverts, MPEG preferem& data T de;6dulators & engine decompresses video and TV cADC 324 PAL, NTMcnxMMSends VCR IR...

3/3K/26 (Item 5 from file: 349) [Links](#)

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00543937

SYSTEM FOR ANALYZING TELEVISION PROGRAMS

SYSTEME D'ANALYSE D'EMISSIONS DE TELEVISION

Patent Applicant/Patent Assignee:

- CBS CORPORATION

Inventor(s):

- HULLINGER Rick A
- TROSKY William J
- MANDEL Alan F

	Country	Number	Kind	Date
Patent	WO	200007310	A1	20000210
Application	WO	99US16799		19990722
Priorities	US	98134667		19980730

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,
BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES,
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ,
VN, YU, ZA, ZW, GH, GM, KE, LS, MW, SD,
SL, SZ, UG, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW,
ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 11062

Claims:

...INTERFACE MACHINE

FIGN iSIGNAL FROM TV STATIONS 1 2SIGNAL INr32 34CLOSED-CAPTION
CAPTURE BOARD(WITH ON-BOARD TUNER) C VIDEO AUDIOOUT OUTIF /@ 36
IF /@--38VIDEO CAPTURE BOARD SOUND CARD40 FIGs 2SIGNAL FROM TV
STATIONS 1 2SERVERMASS STORAGE... ...oof ODUPDATESTART TEXT
STATUSCAPTURE --@-76 f @@ 81 - STOP TEXTSTART VIDEO
CAPTURECAPTURE TI E NO 84@78 8STOP VIDEOCAPTUREFIG 4 @1,82EXTRACT
HEADERDATA1@112- WRITE LINE DONEOBTAIN END... ...TRUNCATE LINE
54UPDATE HEADE (WHEN NECESSARY)@,118 (@1 24DETERMINE No READ
INPUT JVIDEO OFFSET -,1 20 LINE1 22 FIGs 5GENERALSTORES SCORES FOR
EVERY PHRASE SEEN... ...SEGMENTS@-166SEPARATE LONGSEGMENTSRE-
SCORE SAVE SEGMENTSSEGMENTS 172@170FIG 7LOAD VIDEOAND
TEXT'@192MARK TEXTT@ @1 94@CLASSIFY TEXT 190T@ @1 ...VOLJ& -E 10--
11 144 144 1 PLAY11 O@ I WI I VOLIV 10-N MUTET 0 0pR PRODUCTION
BREAKDOWN PRODUCTION BREAKDOWN PRODUCTIONDU F-1 LIVE...

3/3K/27 (Item 6 from file: 349) [Links](#)

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00503246

CENSORING DEVICE TO CENSOR CLOSED CAPTIONING OF VIDEO SIGNAL
DISPOSITIF DE CENSURE POUR SOUS-TITRAGE CODE DE SIGNAL VIDEO

Patent Applicant/Patent Assignee:

- CAPTION TV INC

Inventor(s):

- LAPIERRE Diane

	Country	Number	Kind	Date
Patent	WO	9934598	A1	19990708
Application	WO	98CA1155		19981222
Priorities	US	97997531		19971223

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,
IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN,
YU, ZW, GH, GM, KE, LS, MW, SD, SZ, UG,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM,
AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE,
SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 6561

Detailed Description:

...when comparing received text with the objectionable text.

Preferably, the censoring device further includes an audio censor responsive to the closed caption censor to censor an audio component of the video signal. The audio censor mutes the audio component of the video signal generally corresponding at

least to removed portions of the separated closed captioning in response to the closed caption censor.

According to another aspect of the present invention there is provided a censoring device... ..captioned signal component and corresponding audio signal component of a video signal comprising.

a closed caption censor receiving the closed captioned signal component of said video signal and comparing words in said closed captioned signal component with offensive language stored in a dictionary therein, said closed caption censor removing words from the closed caption signal component corresponding to offensive words in said dictionary; and
an audio censor receiving the audio component of said video signal and muting at least the portion of the audio signal component generally corresponding to words removed from the closed caption signal component by said closed caption censor.

In still yet another aspect of the present invention there is provided a method... ..censoring device to censor an audio signal component of a video signal comprising.

a closed caption censor receiving a closed caption signal component of said video signal and comparing words in said closed caption signal component with offensive language stored in a dictionary; and
an audio censor receiving the audio component of said video signal, said audio censor being responsive to said closed caption censor and muting at least the portion of the audio signal component generally corresponding to words in said closed caption signal component corresponding with offensive language in said dictionary.

In still yet another aspect of...is placed ten frames ahead of its counterparts on channel I .

During processing the closed caption decoder 300 conveys the closed captioning from both channels of line 21 to the closed caption censor 400. The microprocessor 402 monitors the closed captioning from both channels of line 21... ..offensive text with replacement text. The microprocessor 402 also provides the control signal to the audio switch 440 ten frames later so that the audio signal 1 5 component corresponding to the offensive text carried on channel 1 is muted at the appropriate time. Since the length of the offensive word in the full closed captioning and the arrival time of its audio counterpart at the audio switch 440 are known in advance, the length of time the audio switch 440 is actuated to mute the audio signal component of the video signal can be more accurately controlled reducing the likelihood of inoffensive text being muted.

If the television set 200 is conditioned to inhibit closed captioning from being displayed or...

Claims:

...of said video signal.

13 A censoring device as defined in claim 12 wherein said audio censor mutes the audio component of said video signal generally corresponding at least to inhibited portions of the separated closed captioning in response to said closed caption censor.

14 A censoring device as defined in claim 13 wherein said audio censor includes...closed caption component. - 18

20 A censoring device as defined in claim 19 wherein said audio censor mutes the audio component of said video signal in response to said closed caption censor.

21 A censoring device as defined in claim 20 wherein said closed caption component device as defined in claim 20 wherein said closed caption component is carried on two channels, a first of said channels carrying closed captioning generally corresponding to the audio component of said video signals, a second of said channels carrying only offensive text appearing on said first channelon said second channel leading the counterpart offensive text on said first channel, said closed caption censor using offensive text detected on said second channel to actuate said audio censor at the appropriate time thereby to mute the audio component.

29 A censoring device as defined in claim 28 wherein offensive text on said... ..first channel.

30 A censoring device to censor a closed captioned signal component and corresponding audio signal component of a video signal comprising: a closed caption censor receiving the closed captioned signal component of said video signal and comparing words in said closed captioned signal component with offensive language stored in a dictionary therein, said closed caption censor removing words from the closed caption signal component corresponding to offensive words in said dictionary; and an audio censor receiving the audio component of said video signal and muting at least the portion of the audio signal component generally corresponding to words removed from the closed caption signal component by said closed caption censor.

31 A censoring device as defined in claim 30 wherein said closed caption censor...inhibited text in said closed captioned signal component.

41 A censoring device to censor an audio signal component of a video signal comprising: a closed caption censor receiving a closed caption signal component of said video signal and comparing words in said closed caption signal component with offensive language stored in a dictionary; and an audio censor receiving the audio component of said video signal, said audio censor being responsive to said closed caption censor and muting at least the portion of the audio signal component generally corresponding to words in said closed caption signal component corresponding with offensive language in said dictionary.

42 A censoring device as defined... ..in said dictionary.

45 A censoring device as defined in claim 41 wherein said closed caption component is carried on two channels, a first of said channels carrying closed captioning generally corresponding to the audio component of said video signals, a second of said channels carrying only offensive text appearing on said first channel... ..on said second channel leading the counterpart offensive text on said first channel, said closed caption censor using offensive text detected on said second channel to actuate said audio censor at the appropriate time thereby to mute the audio component. 1 5 46. A censoring device as defined in claim 45 wherein offensive text on said second channel is ten video signal frames ahead of counterpart offensive text on said first channel.

47 A method of...

3/3K/28 (Item 7 from file: 349) [Links](#)

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00500530

PROGRAM SIGNAL BLOCKING SYSTEM

SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION

Patent Applicant/Patent Assignee:

- THOMSON CONSUMER ELECTRONICS INC

- FORLER Joseph Wayne

Inventor(s):

- FORLER Joseph Wayne

	Country	Number	Kind	Date
Patent	WO	9931882	A1	19990624
Application	WO	97US23838		19971218
Priorities	WO	97US23838		19971218

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, GH, GM,
KE, LS, MW, SD, SZ, UG, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 4608

Detailed Description:

...signal refers to

preventing user access to an objectionable program by, for example,

5rendering the video black or otherwise indecipherable, muting the audio

and disabling the display of program related closed caption. When the program advisory information indicates that objectionable material is no longer being received, the V-chip system unblocks the program channel by displaying the video, unmuting the audio and/or enabling the display of program related closed caption.

The V-chip technology described above differs from previous channel blocking methods wherein a user...

3/3K/29 (Item 8 from file: 349) [Links](#)

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00500529

PROGRAM SIGNAL BLOCKING SYSTEM
SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION

Patent Applicant/Patent Assignee:

- THOMSON CONSUMER ELECTRONICS INC

- FORLER Joseph Wayne

Inventor(s):

- FORLER Joseph Wayne

	Country	Number	Kind	Date
Patent	WO	9931881	A1	19990624
Application	WO	97US23363		19971218
Priorities	WO	97US23363		19971218

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, GH, GM,
KE, LS, MW, SD, SZ, UG, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 5346

Detailed Description:

...signal refers to

preventing user access to an objectionable program by, for example,
rendering the video black or otherwise indecipherable, muting the audio

5and disabling the display of program related closed caption. When the program advisory information indicates that objectionable material is no longer being received, the V-chip system unblocks the program channel by displaying the video, unmuting the audio and/or enabling the display of program related closed caption.

I 0 One difficulty associated with the V-chip technology described above is the delay...

3/3K/30 (Item 9 from file: 349) [Links](#)

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00490006

AUTOMATED LANGUAGE FILTER

FILTRE DE LANGUE AUTOMATISE

Patent Applicant/Patent Assignee:

- BRAY James R

Inventor(s):

- BRAY James R

	Country	Number	Kind	Date
Patent	WO	9921358	A1	19990429
Application	WO	98US20753		19981002
Priorities	US	97954950		19971021

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU,
ZW, GH, GM, KE, LS, MW, SD, SZ, UG, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN,
TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 2893

Detailed Description:

AUTOMATED LANGUAGE FILTER

FIELD OF THE INVENTION

This invention relates to a muting device used in conjunction with electronic signals such as television broadcast, signals from videocassette recorders, etc. More specifically, to a device which utilizes the closed caption signal which is imbedded within the video portion of a

television or video signal to identify specific words or phrases. Once an undesirable word or phrase is detected, the invention would then mute the audio portion of the signal without altering the video portion of the television broadcast signal. Further, the closed caption signal is modified in that the offending word is removed from the signal. An acceptable ...method of blocking out an entire program and thus missing important information or by manually muting the audio portion and displaying the closed captioned text, the closed-captioned data would still include, and thus display specific undesired information on the screen. There is a need in which to mute specific words or 20 phrases while at the same time not effecting the video portion of the signal while displaying a modified closed caption signal.

SUMMARY OF THE INVENTION

The present invention is directed to a method and apparatus for processing a television or video signal in which the closed-captioned data contained within the video portion of the signal is analyzed for specific words or phrases. The present invention then mutes those words or phrases from the audio signal while not effecting the corresponding video portion of the signal. The device will then strip the identified word or phrase from... ..captioned signal, and it may replace it with another word or phrase. The modified closed caption segment may or may not be displayed depending on the devices settings. The mute is disabled when the closed caption command code to erase the modified closed captioned segment is 10 received.

The present invention...out 32, an audio (Left) out 34, and an audio (Right) out 36.

When a video portion of the television signal is received in video input 10 the closedcaptioned data contained therein is extracted and separated from the video feed by closedcaptioned data slicer 16. That information is then analyzed to see if inappropriate... ..phrases are contained therein by microprocessor 20. This analysis is performed by comparing the closed caption data against a library of words. and phrases stored within the microprocessor's memory. If... ..phrase is determined to be inappropriate a signal is sent to analog switch 26 to mute the audio portion of the signal as received in audio (Left) input 12 and audio (Right) input 14.

After a word or phrase is determined to be inappropriate, the microprocessor...

3/3K/31 (Item 10 from file: 349) [Links](#)

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00262495

RECORDING MEDIUM AND APPARATUS FOR LANGUAGE LEARNING AND
METHOD THEREOF

SUPPORT D'ENREGISTREMENT, APPAREIL D'APPRENTISSAGE DE LANGUES ET
PROCEDE ASSOCIE

Patent Applicant/Patent Assignee:

- KIM Young Sun

- KIM Young Min

Inventor(s):

- KIM Young Min

	Country	Number	Kind	Date
Patent	WO	9410664	A1	19940511
Application	WO	93KR94		19931023
Priorities	KR	9219548		19921023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE,
DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK,
LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO,
RU, SD, SE, SK, UA, US, VN, AT, BE, CH,
DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 16212

Detailed Description:

...viewing the screen normally. Even if there is no noise, since the resolution of a video screen becomes lowered due to a dispersion phenomenon of the pause/still screen, the learner... ..be adversely affected. Even after the dialogical interval of reproducing apparatus 121 is finished, the video screen is reproduced until reproducing 121 is pause/still-operated, that is, the dialogist on the video screen mutters, with audio signal being muted. Therefore, according to the present invention, screen selection and caption generator 250 is controlled

in response to pause/still signal so that character caption is written by controller 238 on a monochromatic screen in the dialogical interval in which...signal from the microphone is turned on (steps S145 and S146).

Thereafter, if an external audio signal is input, the signal is output to speaker. If a fixed time T passes, pause/still of reproducing apparatus 121 is canceled monochromatic screen is turned off, audio signal is mute-released and the input signal from the microphone is turned off and caption display is turned on (steps S147 and S151). If second pause/still signal P2 is detected, monochromatic screen is turned on, caption display is turned off, audio signal is muted, the input signal from the microphone is turned off and then first dialogical interval T1... ..operated in first dialogical interval T1 and the learner speaks in second dialogical interval T2, muttering is resulted on video screen of second dialogical interval with the sound being muted in second dialogical interval T2, which may be overcome by changing the screen of second dialogical interval into monochromatic screen and by means of screen select and caption on/off selection by which caption of dialogical contents is displayed. In case dialogical intervals are not interchanged, caption is displayed on video screen of first dialogical interval at the time of recording on a recording medium itself and the mode to be done by the learner is recorded so that caption is displayed on monochromatic screen.

Therefore, the aforementioned problem may be overcome even if there...APPARATUS

210 KEY INPUT UNIT

220 PAUSE/STILL SIGNAL DETECTOR

230 DIALOGICAL LEARNING CONTROLLER

240 AUDIO INPUT UNIT

250 SCREEN SELECTION AND CAPTION GENERATOR

260 RADIO-FREQUENCY CONVERTER

300 DISPLAY

310 DISPLAY UNIT

320 SPEAKER

FIGS.6A AND... ..GENERATOR

236 FIRST LOW-PASS FILTER

237 SECOND LOW-PASS FILTER

238 CONTROLLER

239 FIRST AUDIO SIGNAL OUTPUT CONTROLLER

239' SECOND AUDIO SIGNAL OUTPUT CONTROLLER

240 MICROPHONE

241 - 243 BUFFER

250 SCREEN SELECTION AND CAPTION GENERATOR

251 SYNCHRONIZING SEPARATOR

252 CAPTION UNIT

253 SWITCHING UNIT

260 WIRE OR WIRELESS TRANSMITTER

261 RELAY

262 REMOTE CONTROL CIRCUIT

... S6: IS PAUSE/STILL SIGNAL DETECTED?

S7: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM

S8: EXTERNAL AUDIO SIGNAL INPUT "ON"

S9: IS EXTERNAL AUDIO SIGNAL INPUT?

S10: OUTPUT TO SPEAKER

S 1 1: HAS A FIXED TIME (T) PASSED?
 S12: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S13: EXTERNAL AUDIO SIGNAL INPUT "OFF"
 FIG.9A
 START
 SIOI: INITIALIZATION
 S102: IS DIALOGICAL MODE KEY INPUT?
 S103: IS THE MODE FIRST SECTION MODE?
 S104: IS CAPTION DISPLAY ON/OFF?
 S105: IS REPRODUCTION KEY INPUT?
 S106: REPRODUCTION
 S107: IS FIRST PAUSE/STILL SIGNAL DETECTED?
 S108: MONOCHROMATIC SCREEN "ON"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE"
 MICROPHONE SIGNAL INPUT "OFF"
 S109: REPRODUCTION
 S110: IS SECOND PAUSE/STILL SIGNAL DETECTED?
 SL... SHEET (RULE 26)
 S 1 12: MICROPHONE SIGNAL INPUT "ON"
 S 1 13: IS EXTERNAL AUDIO SIGNAL INPUT?
 S114: OUTPUT TO SPEAKER
 S115: HAS A FIXED TIME (T) PASSED?
 S116: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S117: MONOCHROMATIC SCREEN "OFF"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE-RELEASED"
 MICROPHONE SIGNAL INPUT "OFF"
 S118: NORMAL REPRODUCTION --ap STOP
 FIG.913
 S119: IS FIRST PAUSE/STILL SIGNAL DETECTED?
 S120: MONOCHROME SCREEN "ON"
 CAPTION DISPLAY "OFF"
 AUDIO SIGNAL "MUTE"
 MICROPHONE SIGNAL INPUT "OFF"
 S121: REPRODUCTION
 S122: IS SECOND PAUSE/STILL SIGNAL DETECTED?
 S123: PAUSE/STILL OPERATION OF REPRODUCING APPARATUS
 S124: MICROPHONE SIGNAL INPUT "ON"
 S125: IS EXTERNAL AUDIO SIGNAL INPUT?
 S126: OUTPUT TO SPEAKER
 S127: HAS A FIXED TIME (T) PASSED?
 S128: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S129: MONOCHROMATIC SCREEN "OFF"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE-RELEASED"
 MICROPHONE SIGNAL INPUT "OFF"

SUBSTITUTE SHEET (RULE 26)

/5@

FIG.9C

S130: IS THE MODE SECOND SELECTION MODE?

S131: IS CHARACTER CAPTION ON/OFF?

S132: IS REPRODUCTION KEY INPUT?

S133: REPRODUCTION

S134: IS FIRST PAUSE/STILL SIGNAL... ..S135: PAUSE/STILL OPERATION OF
REPRODUCING APPARATUS

S136: MICROPHONE SIGNAL INPUT "ON"

S137: IS EXTERNAL AUDIO SIGNAL INPUT?

S138: OUTPUT TO SPEAKER

S139: HAS A FIXED TIME (T) PASSED?

S140: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING
APPARATUS

S141: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE-RELEASED"

MICROPHONE SIGNAL INPUT "OFF"

S142: IS SECOND PAUSE/STILL SIGNAL DETECTED?

S143: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE"

MICROPHONE SIGNAL INPUT "OFF"

S143: REPRODUCTION

FIG.91)

S144: IS FIRST PAUSE/STILL SIGNAL DETECTED?

S145: PAUSE/STILL OPERATION OF REPRODUCING APPARATUS

S146: MICROPHONE SIGNAL INPUT "ON"

S147: IS EXTERNAL AUDIO SIGNAL INPUT?

S148: OUTPUT TO SPEAKER

S149: HAS A FIXED TIME (T) PASSED?

SUBSTITUTE SHEET (RULE 26)

S150: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING
APPARATUS

S151: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE-RELEASED"

MICROPHONE SIGNAL INPUT "OFF"

S152: IS SECOND PAUSE/STILL SIGNAL DETECTED?

S153: MONOCHROMATIC SCREEN "ON"

CAPTION DISPLAY "OFF"

AUDIO SIGNAL "MUTE "

MICROPHONE SIGNAL INPUT "OFF"

S 154: REPRODUCTION

FIG. 10

1 1 1 VIDEO SIGNAL PROCESSOR

112 LOW-PASS FILTER

113 AUDIO SIGNAL PROCESSOR

114 TIMER MICROCOMPUTER
115 MICROCOMPUTER
116 SERVO UNIT
117 REPRODUCTION MECHANISM UNIT
118... ...FIRST PAUSE/STILL SIGNAL GENERATOR
123 SECOND PAUSE/STILL SIGNAL GENERATOR
124 MICROPHONE
125 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
125' SECOND AUDIO SIGNAL OUTPUT CONTROLLER
126 NOISE REMOVER
127 AMPLIFIER
128 PAUSE/STILL RELEASE SIGNAL GENERATOR
SUBSTITUTE SHEET (RULE 26)
FIG. 11
230 DIALOGICAL LEARNING CONTROLLER
500 REPRODUCTION MECHANISM UNIT
501 VIDEO SIGNAL PROCESSOR
502 AUDIO SIGNAL PROCESSOR
503 KEY INPUT UNIT
504 TIMER MICROCOMPUTER
505 MICROCOMPUTER
506 SERVO UNIT
510... ...FIRST PAUSE/STILL SIGNAL GENERATOR
522 SECOND PAUSE/STILL SIGNAL GENERATOR
530 MICROPHONE
531 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
53 V SECOND AUDIO SIGNAL OUTPUT CONTROLLER
532 NOISE REMOVER
533 AMPLIFIER
540 PAUSE/STILL RELEASE SIGNAL GENERATOR
550... ...INPUT UNIT
653 NOISE REMOVER
654 AMPLIFIER
660 PAUSE/STILL RELEASE SIGNAL GENERATOR
652 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
652' SECOND AUDIO SIGNAL OUTPUT CONTROLLER
640 MICROCOMPUTER
691 - 693 BUFFER
610 CAPTION UNIT
670 WIRE OR WIRELESS TRANSMITTER
671 RELAY
672 REMOTE CONTROL CIRCUIT
620 RADIO-FREQUENCY... ...SHEET (RULE 26)
LEFT SPEAKER
680' RIGHT SPEAKER
FIG. 14
START
INITIALIZATION
S301: IS THERE CAPTION SIGNAL OR NOT?

S302: IS 16 BIT CAPTION SIGNAL "O"?
S303: OUTPUT OF FIRST PAUSE/STILL SIGNAL
S304: IS 16 BIT CAPTION SIGNAL "I"?
S305: OUTPUT OF SECOND PAUSE/STILL SIGNAL
FIG. 15
151 REPRODUCTION MECHANISM UNIT
152 SERVO UNIT
153 VIDEO SIGNAL PROCESSOR
154 CAPTION PROCESSOR
155 AUDIO SIGNAL PROCESSOR
156 MICROCOMPUTER
157 TIMER MICROCOMPUTER
158 KEY INPUT UNIT
159 BUFFER
160 MICROPHONE
161 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
162 NOISE REMOVER
163 AMPLIFIER
164 PAUSE/STILL RELEASE SIGNAL GENERATOR
FIG... ..FIG. 17
710 KEY INPUT UNIT
720 TIMER MICROCOMPUTER
730 MICROCOMPUTER
740 SERVO UNIT
750 VIDEO SIGNAL PROCESSOR
760 AUDIO SIGNAL PROCESSOR
771 FIRST PAUSE/STILL SIGNAL OSCILLATOR
772 SECOND PAUSE/STILL SIGNAL OSCILLATOR
781...FIG. 18
810 KEY INPUT UNIT
820 TIMER MICROCOMPUTER
830 MICROCOMPUTER
840 SERVO UNIT
850 VIDEO SIGNAL PROCESSOR
860 AUDIO SIGNAL PROCESSOR
871 FIRST PAUSE/STILL SIGNAL OSCILLATOR
872 SECOND PAUSE/STILL SIGNAL OSCILLATOR
880... ..S25: IS PAUSE/STILL SIGNAL DETECTED?
S26: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM
S27: EXTERNAL AUDIO SIGNAL INPUT "ON"
S28: IS EXTERNAL AUDIO SIGNAL INPUT?
S29: OUTPUT TO SPEAKER
S30: HAS A FIXED TIME (T) PASSED?
S31: PAUSE... ..SET RESPONSE NUMBER = COUNTED NUMBER?
S33: PAUSE/STILL-RELEASE OPERATION OF REPRODUCTION SYSTEM
S34: EXTERNAL AUDIO SIGNAL INPUT "OFF"
S35: REPRODUCTION
S36: IS PAUSE/STILL SIGNAL DETECTED?
S37: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM

S38: EXTERNAL AUDIO SIGNAL INPUT "ON"

S39: IS EXTERNAL AUDIO SIGNAL INPUT?

S40: OUTPUT TO SPEAKER

S41: HAS A FIXED TIME (T) PASSED?

S42: PAUSE...

3/3,K/32 (Item 1 from file: 813) [Links](#)

PR Newswire

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0608708

LA002

**MITSUBISHI DEMONSTRATES LEADERSHIP IN CLOSED CAPTIONING
TECHNOLOGY**

Date: June 28, 1993 11:03 EDT Word Count: 441

Correction:

...Recognizing an opportunity to benefit all consumers -- not just the hearing-impaired -- Mitsubishi's 1994 audio/video product line television sets feature closed captioning capabilities that extend beyond the government's requirement to provide basic black-and-white captioning. Mitsubishi sets feature color captioning, a "caption when muting" function and Spanish character sets, as well as four channels of captioning and a separate service of four channels of text. The caption when muting function displays captions when sound is muted and allows viewers to follow a program while pursuing other activities, such as talking on...

3/3,K/33 (Item 2 from file: 813) [Links](#)

PR Newswire

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0607950

LA006

**MITSUBISHI DEMONSTRATES LEADERSHIP IN CLOSED CAPTIONING
TECHNOLOGY**

Date: June 28, 1993 11:01 EDT Word Count: 441

Correction:

...Recognizing an opportunity to benefit all consumers -- not just the hearing-impaired -- Mitsubishi's 1994 audio/video product line television sets feature closed captioning capabilities that extend beyond the government's requirement to provide basic black-and-white captioning. Mitsubishi sets feature color captioning, a "caption when muting" function and Spanish character sets, as well as four channels of captioning and a separate service of four channels of text. The caption when muting function displays captions when sound is muted and allows viewers to follow a program while pursuing other activities, such as talking on...

? RD

>>>W: Duplicate detection is not supported for File 112.

Duplicate detection is not supported for File 331.

Duplicate detection is not supported for File 340.

Duplicate detection is not supported for File 350.

Duplicate detection is not supported for File 351.

Duplicate detection is not supported for File 324.

Duplicate detection is not supported for File 344.

Duplicate detection is not supported for File 348.

Duplicate detection is not supported for File 349.

Duplicate detection is not supported for File 371.

Records from unsupported files will be retained in the RD set.

S4 29 RD (UNIQUE ITEMS)

? TYPE S4/3,K/ALL

4/3,K/1 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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05790080 Supplier Number: 50280105

Rogers inventor's box removes TV profanity.

Little, James

Arkansas Business , p 10

August 17 , 1998

Language: English Record Type: Abstract

Article Type: Article

Document Type: Magazine/Journal ; Trade

Abstract:

...TV and removes most of the profanity from TV shows. The device gets the closed-caption text that accompanies most television programs and video cassettes, and it reads ahead to look for vulgarities. When a work matches one in TVGuardian's profanity database, the box mutes the TV's audio briefly, and it can only be turned off with a key. Unlike the V-chip...

4/3,K/2 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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17452693

MAIN NATIONAL ITEMS TO EVENINGS OF JUNE 26

NEW ZEALAND PRESS ASSOCIATION

June 27, 2001

Journal Code: WNZA Language: English Record Type: FULLTEXT

Word Count: 3398

-

...attacked her, Napier District Court has been told. H6594

CASINO-HAMILTON

GOING UP: HAMILTON CASINO CAPTION STORY Hamilton, June 26 - Going up: Mainzeal site manager Graeme Delaney oversees the construction of...

...Hamilton businessman badly burned in his car last Thursday.

H6636

HEALTH-CURRIE NELSON MAN RECOVERS VOICE YEAR AFTER ACCIDENT

Nelson,

June 26 - ``He shook my hand, said it was nice to...colleagues, a fellow

officer said. H6620 BROADCASTING-SKELETONS AUTHORITY UPHOLDS COMPLAINT OVER

TV3 SKELETON SEX VIDEO Wellington, June 26 - The Broadcasting Standards Authority has upheld a complaint against TV3 over a music

video clip showing two skeletons simulating sex. H6537

WELFARE-DRUGDEN FATHER SOUGHT CASH BEFORE MAKING

DRUGS...Convicted murderer

David Bain's bid for freedom has been further delayed. H6719

SQUIRT STUCK

MUTT CHALLENGES FIREFIGHTERS Oamaru, June 26 - Volunteer firefighters in the small North Otago town of Duntroon...

4/3,K/3 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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06480604 Supplier Number: 13176329 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**MITSUBISHI DEMONSTRATES LEADERSHIP IN CLOSED CAPTIONING
TECHNOLOGY**

PR Newswire , p0628LA006

June 28 , 1993

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 495 Line Count: 00042

Recognizing an opportunity to benefit all consumers -- not just the hearing-impaired -- Mitsubishi's 1994 audio/video product line television sets feature closed captioning capabilities that extend beyond the government's requirement to provide basic black-and-white captioning. Mitsubishi sets feature color captioning, a "caption when muting" function and Spanish character sets, as well as four channels of captioning and a separate service of four channels of text. The caption when muting function displays captions when sound is muted and allows viewers to follow a program while pursuing other activities, such as talking on...

4/3,K/4 (Item 1 from file: 340) [Links](#)
Fulltext available through: [Order File History](#)
CLAIMS(R)/US Patent
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3438446 4184841
E/AUTOMATED LANGUAGE FILTER
Inventors:Bray James R (US)
Assignee: Principle Solutions Inc
Attorney, Agent or Firm: Head, Johnson & Kachigian

Publication	Application		
	Number	Kind Date	Number
Date			

19971021	US 6166780	A 20001226	US 97954950
	(Cited in 007 later patents)		
Priority Applic:			US 97954950
19971021			
Calculated Expiration:	20171021		

Document Type:
Non-exemplary Claims:

...10. A method of removing undesirable words or phrases from audio and visible television programming having close-captioned text produced by a television set comprising the steps of: analyzing a synchronized closed-caption component segment of a video signal containing only information corresponding to said audio programming in order to determine if said closed-caption component segment contains undesirable words or phrases; muting a corresponding concurrent audio segment of an audio signal synchronized with said closed-caption component segment when undesirable words or phrases are detected within said closed-caption component segment of said video signal; and removing or replacing with another word or phrase any detected undesirable word or phrase found within said closed-caption component segment; whereby all words or phrases predetermined to be undesirable are prevented from being present in the resulting audio signal or in the closed-caption component of the video signal...

4/3,K/5 (Item 2 from file: 340) [Links](#)

Fulltext available through: [Order File History](#)

CLAIMS(R)/US Patent

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2505843 3458732

E/AUTOMATIC DISPLAY OF CLOSED CAPTION INFORMATION DURING AUDIO
MUTING

Inventors:Forler Joseph W (US); Landis Michael D (US); Teskey
John F (US)

Assignee: Thomson Consumer Electronics Inc

Assignee Code: 20175

Attorney, Agent or Firm: Emanuel, Peter M; Shedd, Robert D;

Tripoli, Joseph

S

Publication

Application

Number

Kind Date

Number

Date

US 5327176 A 19940705 US 9318361
19930301

(Cited in 009 later patents)

Priority Applic:

US 9318361

19930301

Calculated Expiration: 20130301

Document Type:

Abstract: A system for processing audio and video components of a television signal provides for automatic control of closed caption signal display in response to the status of an audio muting feature. The system includes an operating mode in which enabling audio muting also enables the closed caption display and disabling muting disables generation of the closed caption display.

4/3,K/6 (Item 1 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007922272 & & *Drawing available*

WPI Acc no: 1997-010045/199701

Voice mute circuit - has voice signal processing circuit which is controlled by microprocessor with caption circuit corresponding to voice mute demand

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: PARK S

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 199504462	B1	19950501	KR 199119689	A	19911106	199701	B

Priority Applications (no., kind, date): KR 199119689 A 19911106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 199504462	B1	KO	1		

Alerting Abstract ...The circuit includes a voice signal processing circuit which limits the speaker output according to a mute demand by a viewer. A caption circuit demodulates the caption signal in the video signal and provides the caption on the screen. A microprocessor controls operation of the voice signal processing circuit and the caption circuit corresponds to the voice mute demand... ...ADVANTAGE - Provides caption on screen while voice muting is in operation.

4/3,K/7 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007755833 & & *Drawing available*

WPI Acc no: 1996-380555/199638

XRPX Acc No: N1996-320780

Karaoke system using communication circuit - includes lot of terminals that exchange video signal and corresponding audio signal mutually among them to perform karaoke

Patent Assignee: MARANTZ JAPAN INC (MARA-N)

Inventor: TSUZURA T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 8185192	A	19960716	JP 1994337681	A	19941228	199638	B

Priority Applications (no., kind, date): JP 1994337681 A 19941228

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 8185192	A	JA	7	5	

Alerting Abstract ...The system employs a data file in which a character data for a caption display which shows a title screen, words and a performance sequence data containing the performance... ...The image signal for the caption display is formed according to the character data and the corresponding audio signal is formed according to the performance information, included in the performance sequence data. A number of terminals and a microphone are provided to combine that audio signal for the performance. Thus the karaoke is performed by sending and receiving the video and the corresponding audio signals mutually among many terminals...

4/3,K/8 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0007094355 & & *Drawing available*

WPI Acc no: 1995-121003/199516

XRPX Acc No: N1995-095495

Television image receiver with closed caption decoder - has subtitles signal processing device to output display unit after checking of subtitles, ON and OFF state of mute button and CCD

Patent Assignee: SONY CORP (SONY)

Inventor: SHINTANI P

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7046500	A	19950214	JP 1993164381	A	19930702	199516	B

Priority Applications (no., kind, date): JP 1993164381 A 19930702

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7046500	A	JA	6	3	

Alerting Abstract ...The receiver has a processor for a video signal and a processor for audio signals. Processing circuits process the signal subtitles. A mute device constituted by the mute controller performs a mute operation on the output signal. A step (S1) involves checking whether the mute button is turned ON. It proceeds to a step (S2) if the button is OFF. The audio signal is muted in this step... ..In a following step (S3) the CCD is checked for its mute mode and if ON, control passes to step (S4), where caption decoder outputs are fed to the CRT. If the mute button is turned ON muting of the audio signal is cancelled in steps (S5) and (S6). The CCD mute mode is checked. On positive response, the control proceeds to step (S7). The display of... ..subtitles quickly. Facilitates checking of program counter contents. Returns to original state quickly. Clear background video image.

4/3,K/9 (Item 1 from file: 351) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPI

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0007922272 & & *Drawing available*

WPI Acc no: 1997-010045/199701

Voice mute circuit - has voice signal processing circuit which is controlled by microprocessor with caption circuit corresponding to voice mute demand

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: PARK S

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 199504462	B1	19950501	KR 199119689	A	19911106	199701	B

Priority Applications (no., kind, date): KR 199119689 A 19911106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 199504462	B1	KO	1		

Alerting Abstract ...The circuit includes a voice signal processing circuit which limits the speaker output according to a mute demand by a viewer. A caption circuit demodulates the caption signal in the video signal and provides the caption on the screen. A microprocessor controls operation of the voice signal processing circuit and the caption circuit corresponds to the voice mute demand... ...ADVANTAGE - Provides caption on screen while voice muting is in operation.

4/3,K/10 (Item 2 from file: 351) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPI

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0007755833 & & *Drawing available*

WPI Acc no: 1996-380555/199638

XRPX Acc No: N1996-320780

Karaoke system using communication circuit - includes lot of terminals that exchange video signal and corresponding audio signal mutually among them to perform karaoke

Patent Assignee: MARANTZ JAPAN INC (MARA-N)

Inventor: TSUZURA T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 8185192	A	19960716	JP 1994337681	A	19941228	199638	B

Priority Applications (no., kind, date): JP 1994337681 A 19941228

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 8185192	A	JA	7	5	

Alerting Abstract ...The system employs a data file in which a character data for a caption display which shows a title screen, words and a performance sequence data containing the performance... ...The image signal for the caption display is formed according to the character data and the corresponding audio signal is formed according to the performance information, included in the performance sequence data. A number of terminals and a microphone are provided to combine that audio signal for the performance. Thus the karaoke is performed by sending and receiving the video and the corresponding audio signals mutually among many terminals...

4/3,K/11 (Item 3 from file: 351) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPI

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0007094355 & & *Drawing available*

WPI Acc no: 1995-121003/199516

XRPX Acc No: N1995-095495

Television image receiver with closed caption decoder - has subtitles signal processing device to output display unit after checking of subtitles, ON and OFF state of mute button and CCD

Patent Assignee: SONY CORP (SONY)

Inventor: SHINTANI P

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7046500	A	19950214	JP 1993164381	A	19930702	199516	B

Priority Applications (no., kind, date): JP 1993164381 A 19930702

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7046500	A	JA	6	3	

Alerting Abstract ...The receiver has a processor for a video signal and a processor for audio signals. Processing circuits process the signal subtitles. A mute device constituted by the mute controller performs a mute operation on the output signal. A step (S1) involves checking whether the mute button is turned ON. It proceeds to a step (S2) if the button is OFF. The audio signal is muted in this step... ..In a following step (S3) the CCD is checked for its mute mode and if ON, control passes to step (S4), where caption decoder outputs are fed to the CRT. If the mute button is turned ON muting of the audio signal is cancelled in steps (S5) and (S6). The CCD mute mode is checked. On positive response, the control proceeds to step (S7). The display of... ..subtitles quickly. Facilitates checking of program counter contents. Returns to original state quickly. Clear background video image.

4/3,K/12 (Item 1 from file: 484) [Links](#)

Periodical Abs Plustext

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04219825 Supplier Number: 99159884 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Parental guidance simplified

Anonymous

Popular Electronics (IPEL) , v16 n5 , p 21

May 1999

ISSN: 1042-170X Journal Code: IPEL

Document Type: News

Language: English Record Type: Fulltext; Abstract

Word Count: 154

Text:

Providing a less sophisticated method of controlling your family's video viewing, Principle Solutions' TVGuardian Foul Language Filter is a set-top box that removes curses...

...captioning, checking each word against an internal dictionary. When it encounters an offensive word, TVGuardian mutes the audio and replaces the closed-caption with a more socially acceptable word. Unlike the V-chip, TVGuardian doesn't block out...

4/3,K/13 (Item 1 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00792437

Transponder Monitor

Interspace

April 10, 2002 Vol.: Document Type: NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH Word Count: 3167 Record Type: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...some changes to the channel numbers for sports channels. The new

EPG channels numbers are: MUTV 406, Sky Sports News 408, The Racing Channel 410, Eurosport UK 412, Eurosport News 413...

...satellite is now devoid of any digital activity, one bonus is that the Astra 1D caption has returned to 10773 MHz horizontal in clear Pal with tone on the 7.02/7.20/7.56/7.74 and 7/92 MHz audio sub-carriers.

23.5 degreesE:

Astra 3A

D - Astra 3A was successfully launched from Kourou...00), WDR 4 and Bloomberg News Radio.

16 degreesE:

Eutelsat W2

D - Live and recorded video footage from the scene of a major fire in Paris was fed over one of...

...on 12380 MHz vertical, SR 27500, FEC 3/4, VPID 3301, APID 3311.

Some 30 audio channels have joined the Yes package for Israel at 11676 MHz

vertical, SR 27500, FEC...2014. In the ADD package on 12034 MHz horizontal,

SR 27500, FEC 3/4 a

caption stating 'ADD World Cup 2002' has appeared via PIDs V3084, A3085 in clear

MPEG-2...E-mail: mike@timik.worldonline.co.uk

SR * Symbol Rate

FEC * Forward Error Correction

VPID * Video Programme Identifier

APID * Audio Programme Identifier

4/3,K/14 (Item 2 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00727982

DTV IS CALLED BOTH FAILURE AND BIG SUCCESS

AUDIO WEEK

May 29, 2000 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 1031 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...over-the-air
reception, which it said "would jeopardize the viability of free,
diverse, multiple-voice, local over-the-air broadcast service"
and
give cable upper hand in carriage negotiations.

FCC...transmission system with same channel
carrying more robust data for mobile reception plus standard HDTV
video and audio. Pres. Matthew Miller said NxtWave doesn't
immediately plan mobile product because customers haven't...

...boosters to improve DTV signal coverage. Booster
could be on same channel, ADC said, and mutual interference of
main and booster signals is "manageable." Rules would have to
distinguish between boosters...

...jitter and other
problems. (2) NPR said it supports reallocation of 8288 MHz for
digital audio broadcasting, and FCC should move to keep
broadcasters from choosing channels in that band for their
permanent DTV channels. (3) Motorola and others said Commission
needs to resolve closed-caption compatibility issues involving
DTV, since failure to do so could mean less captioning would
be...

over-the-air
reception, which it said "would jeopardize the viability of free,
diverse, multiple-voice, local over-the-air broadcast service"
and
give cable upper hand in carriage negotiations.

FCC...transmission system with same channel
carrying more robust data for mobile reception plus standard HDTV
video and audio. Pres. Matthew Miller said NxtWave doesn't
immediately plan mobile product because customers haven't...

...boosters to improve DTV signal coverage. Booster could be on same channel, ADC said, and mutual interference of main and booster signals is "manageable." Rules would have to distinguish between boosters...

...jitter and other problems. (2) NPR said it supports reallocation of 8288 MHz for digital audio broadcasting, and FCC should move to keep broadcasters from choosing channels in that band for their permanent DTV channels. (3) Motorola and others said Commission needs to resolve closed-caption compatibility issues involving DTV, since failure to do so could mean less captioning would be...

4/3,K/15 (Item 3 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00622966

MACHINE THAT DELETES FOUL WORDS NOW SOLD IN VIDEO STORES

VIDEO WEEK

September 7, 1998 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 341 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...top box from Rogers, Ark.-based Principle Solutions.

Inventor Rick Bray said company's TVGuardian mutes nearly 100 obscenities stored in device's memory and deletes them from closed-caption display. TVGuardian also restricts other "questionable language" such as derogatory references to race, religion and...

...close-captioning signal encoded on most telecasts and videos, which is transmitted slightly ahead of audio signal. TVGuardian then cross-references text against preprogrammed vocabulary of potentially offensive words and phrases...

...95% accuracy rate, Bray said, with most lapses attributable to errors in closed-captioning, including caption out of sync with soundtrack.

Box deleted 66 of 67 instances of profanity in movie...
...programs.

TVGuardian has lockout to prevent tampering, for example by children or babysitters. In closed-caption mode, box offers option to indicate that words have been deleted, Bray said. It's...

...www.tvguardian.com), and will be available at retailers nationwide soon, Bray said. Sunrise Family Video, rental store in American Fork, Utah, that's been editing Titanic at buyers' requests for...

4/3,K/16 (Item 4 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00622795

SET-TOP CUSS BOX DEBUTS

CONSUMER ELECTRONICS

September 7, 1998 Document Type: NEWSLETTER

Publisher: WARREN PUBLISHING INC.

Language: ENGLISH Word Count: 345 Record Type: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

Text:

...top box from Rogers, Ark.-based Principle Solutions.

Inventor Rick Bray said company's TVGuardian mutes nearly 100 obscenities stored in device's memory and deletes them from closed-caption display. He said device also restricts other "questionable language" such as derogatory references to race...

...close-captioning

signal encoded on most telecasts and videos, which is transmitted slightly ahead of audio signal. TVGuardian then cross-references text against preprogrammed vocabulary of potentially offensive words and phrases...

...Box has lockout code to prevent tampering, for example, by children or babysitters. In closed-caption mode, TVGuardian offers option to indicate that words have been deleted, Bray said.

It's...

...www.tvguardian.com), and will be available at retailers nationwide soon, Bray said. Sunrise Family Video, rental store in American Fork, Utah, that's been editing Titanic video at buyers' requests for content they deem offensive, already sells set-top box (see separate...

4/3,K/17 (Item 1 from file: 324) [Links](#)

Fulltext available through: [Order File History](#)

GERMAN PATENTS FULLTEXT

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0001922604

BILDPLATTENSPIELER

VIDEO DISC PLAYERS

Patent Applicant/Assignee:

RCA CORP 10020 NEW YORK, N.Y., US,, US

Inventor(s):

FERGUSON JAMES MILTON, LEVITTOWN, PA., US,, US

CHEN THOMAS YUAN-GE, FLEMINGTON, N.J., US,, US

GIBSON WALTER GOLD, PRINCETON, N.J., US,, US

Publication & Filing Information

	Serial Number	Kind	Date
Publication	DE 3237042	A1	19830421
Application	DE 3237042		19821006

Priority application(s): US 81309193 19811006 (Original format: US 30919381)

Publication Language: German ; Application Language: German

Fulltext Word Count (English): 6895

Fulltext Word Count (German) : 5747

Fulltext Word Count (Both) : 12642 Fulltext Availability: Description (English machine translation) Claims (English machine translation) Description (German)Claims (English machine translation)...3/18), responsive to the Tideosignalgemisch, to seizing the horizontal-2 0 synchronous component of the video signal mixture and supply of an appropriate output signal;a phase-synchronized loop (320), inserted... ..frequency to the receipt of INSERT data, an exit for the supply of an IN SERT-video of signal for a Easterdarstel-lung the INSERT data into p oint matrix form and a... ..mechanism exit- and contains alternatively an arrangement (22) wedges 35 to couple in order the video signal mixture or the vertical-time ex pensive signal on the output terminal. 1o. Videodisc player... ..order sequentially Yertikal-time expensive signals regardless of a parti al or complete interruption of the video signals recovered by a play ed recording plate. There is videodisc players well-known, in whom... ..played the videodisc with vorbe-tuned constant angular speed turns and a customer transducer a video output signal of the plate recovers, wh ichis then converted to the creation to a desired TV home receiver. It is n ot favourable, the video output signal during the "break"- mode of o peration of the record player to close or... ..signal is recovered by the plate. An example of a videodisc player with such a muting, which is usually named the technical term "Squelch", isdescribed in US-patent specification 4-286... ..35 towards TV home receivers during the duration of the Squelch-to block age of the video signal. This can have as a consequence that with re sumption of the playing procedure the... ..is more near treated inthe UES-patent application Br. 297,056, those und er the title "VIDEO DISC PLAYER HAVIUG AUXILLIARY VERTICALLY SYUECHR 01TI-ZIHG GEHERATOR" on the name G. M. Yenine to... ..the record player in the mode of operation "break" works (with Squelch-b lockage of the video output signal), then the synchronization between the record player and the assigned TV home receiver... ..order a vertical-reference signal its frequency equal the vertical-time expensive component of the video signal mixture

is a correct phase relationship between the output signal frequency-divisor and the vertical-time expensive component of the recovered video signal mixture with the help of a detector adjusted, which prevents the vertical-Zeitsteuerkomponente from the video signal mixture separates and it on a synchronization entrance (Eingang) of the frequency divider gives. If the frequency divider is synchronized, the video signal can become closed, and the frequency divider 5 supplies further the reference signal in the... adjusted last by the vertical seized by the mentioned detector-time expensive component of the video signal mixture. In videodisc players of the managing described general type the video signal mixture can be intoxication afflicted (e.g. due to disk defects). This noise can... divider. In further US-patent application of G. M. Wine, who was submitted under the title "VIDEO PLAYER EQUIPMENT HAVING CAPTION GENERATOR" on 28 September 1981, is described a videodisc player, which a microprocessor contains, which accompanying data of the recovered video signal processes and a pattern generator steers, the one video signal for so-called produces width unit "INSERT", i.e. for an indication which can be inserted, which together with by the plate of recovered video signal mixture (i.e. the "picture"-video signal) on a TV home receiver is shown. Time expensive signal-processing unit seizes those time-expensive y-components of the recovered video signal mixture and puts it to the pattern generator, in order to synchronize the "INSERT"-video signal with the "picture"-video signal. With conditions, on which the time expensive components of the video signal mixture are interrupted, the mentioned processing unit produces "replacement"-and it supplies time expensive signals... home receiver to be represented can, regardless of a partial or complete interruption of the video signal mixture. With a typical execution form that time expensive signal-processing unit becomes "replacement"... full count value is put back and supplies thus no output signals. However if the video signal mixture is interrupted, then the counter is not put back and does not begin... certain unwanted Bauscheffekten described above to be subjected can. If e.g., which contains recovered video signal mixture an intoxication signal impact, which falsely as valid vertical-sync signal is seized... source of help, time expensive signal regardless of a partial or complete interruption of the video signals recovered by a played videodisc orders zeitsteuerimpulse produces, and in which the probability of... the unteransprechen. A videodisc player according to invention contains a recovery mechanism for supply of a compound video output signal (video signal mixture), which a vertical-time expensive component contains, and in which during a selected... order to produce a frequency reference signal proportionally for the line frequency of the recovered video signal mixture. A third mechanism speaks on purchase-composite signal on, in order sequentially a... signal with a frequency to produce, which is proportional the field frequency of the recovered video signal mixture. A fourth mechanism puts the data flag to the third mechanism, in order... temporal relationship with the vertical -, produced by the third mechanism, has time expensive component recovered video signal gemischt. Finally a fifth mechanism is intended, in order the vertical produced by the... 4,080,625. The FM-Signal of the exit of the TFM wandlers 14 becomes on audio/video-processing unit 16 given, which at the exit a baseband-sound signal S1 and baseband-a video signal mixture S2 supplies, which contains synchronous impulses VS as time expensive components horizontal-synchronous... of time base errors and a switching configuration for format conversion, in order the recovered video signal from the "format with embedded subcarrier" (like it in US-patent application 3 8... specification 4,200,881 are Signalverarbeitungs-einrichtungen described, which for the recording and rendition of a video signal mixture of the PAL-format are suitable. The baseband-sound signal S1 becomes on... the connection at the antennas a course of a television-receiver (not represented). The baseband-video signal mixture S2 becomes over a video switch 22 (in. Case of the represented normal

st hurrying 1T this switch) on the video-modulation entrance of the modulator 18 given, the modulated picture-and clay/tone carrier waves... ..of a data signal recovered by the plate 12 for the supply of an INSERT-video exit.-20 of signal SA -, the production of a video blanking signal S5 for the controlling of the position of the video switch 22 and the attitude of the mode of operation of a horizontal-time expensive... ..data flag to the controller 24, which processes the data item then, over the INSERT-video signal S4 to produce a suitable execution form of the PCM-demodulator in the processing... ..application IR 084.465, those on 12 October 1979 under the title "IMPBOVED DIGITAL 01 VIDEO EECOKDING AND PLAYBACK SYSTEM" on the Famen T. J. ' Christopher and G. B. Dieterich were...
 ...switch operates the pattern generator 35 accordingly sets the INSERT-data signal into an INSERT-video signal S6 over, well-chosen are suitable to represent the INSERT in point matrix form on the scanned raster. The INSERT-video signal S6 is synchronized with the video signal mixture S2, with the help of a point clock pulse and lines-or horizontal-frequency... ..which of a vertical-time expensive unit 36 it-- " * " 3237042 witnesses becomes. The synchronized INSERT-video signal S6 is then combined in a combination circuit 40 with the sync signals pH and FV, and the resulting signal S7 is put to the pole S of the video switch 522. The video switch 22 steered by the video blanking signal S5 supplied by the controller 24 and by an INSERT-background signal 10... ..if the signal S5 >still the signal S8 is present, the switch 22 couples the video signal mixture S2 on the modulator 18. If one or both of the signals S5... ..in its" replacement "- position S is switched and couples in the mentioned way from the INSERT-video signal and time expensive signals combined signal on the modulator 18. For the illustration of... ..of an appropriate control switch ("rendition") in the switch unit 30. In this fall the video blanking signal S5 is and the switch 22 is "low " in its Uormalstellung, whereby it couples the video signal mixture S2 "to the modulator, until the part of the Easters planned for the INSERTmodulator 18. This procedure repeats itself for each field, so that the INSERT and the video signal mixture are represented as interlocked picture on the screen of the receiver attached at... ..the "break"-mode of operation is transferred in this mode of operation is closed the "video signal mixture by Squelch, 5 the needle in the transducer 14-raised, and" the video-blanking signal 35 is active ("highly") so that the switch 22 in the position S is... ..if held the normal playing procedure again, are thus the time expensive components again-appearing "video signal-mixture in phase with the signals FH and FV, and it does not arise... ..the same frequency as the component HS (the lines-or line frequency) * ' * 3237042 of the recovered video signal S2 has. The signal FV however should fulfill the following conditions for the purposes... ..frequency of the vertical-synchronous component VS 5 (field-or line frequency) of the recovered video signal, secondly a pre-determined temporal relationship with this component VS and thirdly a very... ..ways 52 and 54 is with the Viedergewinnungseinrichtung 10, 12, 16. Over the way 52 the video signal mixture is given to S2 on a first entrance of the unit 32, and... ..the same frequency, always directly or indirectly representatively for the horizontal-synchronous component HS of the video signal mixture S2 is. If thus the signal S2 is not through Squelch closed or... ..with up-step each error free data item in the vertical interval of the recovered video signal mixture to synchronize. The data flag could ge wuenschtenfalls directly to the synchronization entrance unit... ..the error in the phase of the Flip-Flops within only one field of the recovered video signal mixture is corrected. Subsequently, 1?lip-3?lop 208 his normal interrelation again up...
 Claims (German)

4/3K/18 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00773016

Data multiplexing and/or demultiplexing and data recording media

Multiplexierung/Demultiplexierung von Daten und Datenaufzeichnungsmedien

Multiplexage/demultiplexage de donnees et milieux d'enregistrement de donnees

Patent Assignee:

- SONY CORPORATION; (214021)
7-35 Kitashinagawa 6-chome Shinagawa-ku; Tokyo 141; (JP)
(Applicant designated States: all)

Inventor:

- Kawamura, Makoto, c/o Sony Corp. Int. Prop. Div.
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- Fujinami, Yasushi, c/o Sony Corp. Int. Prop. Div.
6-7-35 Kitashinagawa; Shinagawa-ku, Tokyo 141; (JP)

Legal Representative:

- Pilch, Adam John Michael et al (50481)
D. YOUNG & CO., 21 New Fetter Lane; London EC4A 1DA; (GB)

	Country	Number	Kind	Date	
Patent	EP	723376	A2	19960724	(Basic)
	EP	723376	A3	20001213	
Application	EP	96300268		19960115	
Priorities	JP	956902		19950120	

Designated States:

AT; DE; ES; FR; GB; IT; NL;

Related Divisions: Patent (Application): (EP 2005077211)

International Patent Class (V7): H04N-007/52Abstract Word Count: 194

NOTE: 6

NOTE: Figure number on first page: 6

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	885

SPEC A	(English)	EPAB96	7490
Total Word Count (Document A) 8375			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 8375			

Specification: ...the caption data is previously stored in a ROM and is read out therefrom.

The video data, audio data and caption data encoded by a variable rate method are mutually different in amount per unit time. Accordingly, the time stamp controller 135 outputs control signals...

4/3K/19 (Item 2 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00631229

Automatic display of auxiliary video information during audio muting

Automatische Zusatzfernsehinformationsanzeige wahrend der Stummschaltung

Affichage automatique d'information video auxiliaire pendant la suppression du son

Patent Assignee:

- THOMSON CONSUMER ELECTRONICS, INC.; (1066931)
600 North Sherman Drive; Indianapolis Indiana 46201; (US)
(applicant designated states: DE;ES;FR;GB;IT)

Inventor:

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5921 Crestview Avenue; Indianapolis, IN; (US)
- Landis, Michael David
9966 Aegean Road; Fishers, IN; (US)
- Teskey, John Frederick
12320 Huntington Drive; Indianapolis, IN; (US)

Legal Representative:

- Wordemann, Hermes, Dipl.-Ing. (61961)
Thomson Consumer Electronics Sales GmbH Postfach 91 13 45; 30433 Hannover; (DE)

	Country	Number	Kind	Date	
Patent	EP	614315	A2	19940907	(Basic)
	EP	614315	A3	19950111	
	EP	614315	B1	19981111	
Application	EP	94102617		19940222	
Priorities	US	18361		19930301	

Designated States:

DE; ES; FR; GB; IT;

International Patent Class (V7): H04N-007/087; ; Abstract ...A2

Abstract Word Count: 72

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9846	450

CLAIMS B	(German)	9846	406
CLAIMS B	(French)	9846	497
SPEC B	(English)	9846	2359
Total Word Count (Document A) 0			
Total Word Count (Document B) 3712			
Total Word Count (All Documents) 3712			

4/3K/20 (Item 1 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00903693

FILTERING OBJECTIONABLE MULTIMEDIA CONTENT

FILTRAGE DE CONTENU MULTIMEDIA INDESIRABLE

Patent Applicant/Patent Assignee:

- CLEARPLAY INC

2190 Claremont Drive, Bountiful, UT 84010; US; US(Residence); US(Nationality)

Inventor(s):

- JARMAN Matthew T

3830 South 3100 East, Salt Lake City, UT 84109; US

Legal Representative:

- NYDEGGER Rick D(et al)(agent)

Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111; US;

	Country	Number	Kind	Date
Patent	WO	200237853	A1	20020510
Application	WO	2001US30481		20010927
Priorities	US	2000694873		20001023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14952

Detailed Description:

...manner that is more suitable for most ages.

The prior art also has taught that audio portions of multimedia content may be identified and filtered during the decoding process by examining the closed caption information for the audio stream and muting the volume during segments of the stream that contain words matching with a predetermined set... ..most ages. This art is limited in its application since it cannot identify and filter video segments and since it can only function with audio streams that contain closed captioning information. Furthermore, filtering audio content based on closed captioning information is imprecise 'due to poor synchronization between closed captioning information and the corresponding audio content.

SUMMARY OF THE INVENTION

5 These and other problems with the prior art are...

4/3K/21 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00901715

CLIENT-SERVER SYSTEM WITH FILTERING OF AUDIO-VIDEO CONTENT
SYSTEME CLIENT-SERVEUR AVEC FILTRAGE DE CONTENU AUDIO-VIDEO

Patent Applicant/Patent Assignee:

- CLEARPLAY INC

2190 Claremont Drive, Bountiful, UT 84010; US; US(Residence); US(Nationality)

Inventor(s):

- JARMAN Matthew T

3830 South 3100 East, Salt Lake City, UT 84109; US

Legal Representative:

- NYDEGGER Rick D(et al)(agent)

Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111; US;

	Country	Number	Kind	Date
Patent	WO	200235840	A1	20020502
Application	WO	2001US31169		20010927
Priorities	US	2000695102		20001023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14368

Detailed Description:

...manner that is more suitable for most ages.

The prior art also has taught that audio portions of multimedia content may be identified and filtered during the decoding process by examining the closed caption information for the audio stream and muting the volume during segments of the stream that contain words matching with a predetermined set... ..most ages. This art is limited in its application since it cannot identify and filter video segments and since it can only function with audio streams that contain closed captioning information. Furthermore, filtering audio content based on closed captioning information is imprecise due to poor synchronization between closed captioning information and the corresponding audio content.

SUMMARY OF THE INVENTION

These and other problems with the prior art are overcome...

4/3K/22 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00753844

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING
COLLABORATIVE APPLICATION SHARING
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR LA CREATION D'UN
PARTAGE D'APPLICATIONS EN COLLABORATION

Patent Applicant/Patent Assignee:

- AC PROPERTIES B V

Parkstraat 83, NL-2514 JG, 'S Gravenhage The Hague; NL; NL(Residence);
NL(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

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571 Patriot Court, Gurnee, IL 60031; US; US(Residence); US(Nationality); (Designated
only for: US)

- HARRIS Scott B

714 Inverrary Lane, Deerfield, IL 60015; US; US(Residence); US(Nationality);
(Designated only for: US)

Legal Representative:

- STEPHENS L Keith

Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-
0746; US;

	Country	Number	Kind	Date
Patent	WO	200067227	A1	20001109
Application	WO	2000US12289		20000505
Priorities	US	99305719		19990505

Designated States: (Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,
DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 66555

Claims:

...o Mo.

InterestIRate 0.04@FIGURUE 51-7 Source Iteni/TargeL Fire RuleQuestionj@M@ Video
Informationapping an eedbackFollow Up QuestionFollow Up QuestionFollow Up
QuestionFIGURE 52... ..sBDME4-cjo What is BDMI' Agg: 001 - I ntro - WWhat is BDM
VideoLaj TargetGroups2j Target6roupTargetsI ntro Q1FTI 002 - Intro - How Long is
BDM?F... ..multimedia course aimed at middle levelmanagement</T>Coachitem ID:
25Name: lWhat is BDM VideoType @ @IS tand Alone Parp6t I extSequence No:FChild
DisplayCount:i fF... ..ILICP2 UCP3 ILICP4 ILICP5 CrOAltMinf 99 F-m F 9 F-999 F
9MUT -9gF F779F@999 F777W#Subs %+Att %+T t A R I %+Re[maxT-iFF@..
F77779F77WF Choices in ModelCaption:Option Choices on ScreenQ!/? TaigetGtroups4j
Oyetall Recommendations..... ---- -----Figure 694/517@PO Sourceloage...
...Multiple tasks7630 7650 7640Figure 76Assembly of Telephone Operator Training
Simulation6-7AUDIO VIDEO TEXTGRAPHICS7750
11774077307710ANIMATION77207700 fEEI7760FIGURE 775... ..Figure 79Telephone
Operator TrainingSimulation ExecutionSimulationServer8060 Link fromStudent to Server
Video,Graphics,Text,Animation8040Audio Headset8000Student and8030microphoneFigure
80Telephone Operator Simulationexecuted8100Student requests... ..9106091130
0911501140 AP 91070NOHAT? 91 000S 9115091000YES VIDEO 91170AUDIO
91180TEXT 91190WHITEBOARDL@- 91200-APPLICATIONSHARING
91210INTERNETBROWSING t'- 91220(@91000FIGURE 91...

4/3K/23 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00546954

INTERACTIVE TELEVISION CONTROL/OPERATING SYSTEM
SYSTEME INTERACTIF DE FONCTIONNEMENT ET DE COMMANDE DE
TELEVISION

Patent Applicant/Patent Assignee:

- DANMERE LIMITED

- AUSTIN Kenneth

Inventor(s):

- AUSTIN Kenneth

	Country	Number	Kind	Date
Patent	WO	200010327	A1	20000224
Application	WO	98GB3140		19981021
Priorities	GB	9817421		19980811

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
YU, ZW, GH, GM, KE, LS, MW, SD, SZ, UG,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM,
AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE,
SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 17420

Claims:

...hereinbefore described.

69 A system for recording a digitally transmitted television broadcast on an analogue video cassette recorder or other analogue device whilst viewing another digital broadcast, the system comprising two... ..an analogue signal using the digital to analogue converter and relayed to

9analogue video cassette recorder or other such analogue device, whilst leaving the other digital tuner available for... ..CDF Go and commandsMenu of.f command241Menu on commandIMAGE PAN & CAPTION CONTROL16uUPcna &Iw 16 L*ocn--I LEFT FLIGHT 6... ..I 5 0 5 F I G 0 6 F I (mwZOOM CONTROL & CAPTION SIZE SNAPSHOT C,cn ZOOMIN ZOOM x2 PRINTAwch 10 iimi-i- wii... ..ZOOM OUT NORMAL SNAPSHOTrmcnF I G o 8 FIG*9 FIG010Caption detailcnwCacnF I G 1 240

Associated soundfile 4... ..Picture5 6 7 8M Move cursor overpicture to play soundand or video clip Picture Picture Picfi9 10 11Click picture to enlargeM

@&6666ns;'Cursor... ..D VD0 VHS Auto TmcMng SQY@Q@Cb oAdd index or datato video signal m<LAnalog or digital 4,tunersReceive TV TI

TVpicturebroadcasts Tuner signal...Hard disk or other media image eifor storing View List, Vi eoCPUAudio, Snapshots etc systemrM 87Sends VCR IRcodes & receiveshandset commands 8 Memory16C Text or graphicsfor TVMicrophone screen and commands75Memoryfor VCR characterisation i.e. mute, enlarge etcdata, View List, Audio, Snapshots, +software etc 'INPrinter portIR transceiver Microphone IR transceiver73 75

73100stop Pkrroo-,,w 1 0 5Cn4 Toggle enlargeUdi @note&mbnu.,Anction71Audio notes fu121101mark -skip -,Enlargd@on/offen ..ol 2 3 Toggle main... ..edi 11 5 Take aMsnapshotF oo @ @L4'117lognew info stat Video11 3 129 segment 8w o nloff

W"IO125Remotecontrol unitSpeaker... ..ICn'-7CnC:-4 MCU includes ADC & DA C,M ClockEn runs voice note software andXM IRjunctionsM731MSends VCRITVISettop box IR codes & Memo Speakerdigitised sounds 781Microphone 76 FIG 025digital tuner Signal Video data CPU unpacks video and Displays optionsReceives TV broadcasts demodulators & selector data and decompresses enlarges image e& data 200 'd encoder PAL, NI@ DC 206TI AD@@ V,Video Tuner QPSK/Dec & systemMPEG20 206 206 DecIL LIcnADC@ CPU Videocn T QPSK/Dec & system--lop 0MPEG Q@CDDecModem Port 205M... ..209 Hard diskSends VCR IR 2,11 for storingcodes & receives Memory Clock/timer Audio, Sna,handset commands Cache commerci .a& voice CPU Runs memorysoftware 202Memoryfor VCR characterisationdata, View List, Audio, Snapshots,software etc 203 F I Gcli k to scroll up list240Selected...Alpha numericcode word3120 CPU unpacks data stream into DisplaysReceives TV broadcasts Signal video, EPG and adverts, MPEG preferem& data T de;6dulators & engine decompresses video and TV cADC 324 PAL, NTMcnxMMSends VCR IR...

4/3K/24 (Item 5 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00543937

SYSTEM FOR ANALYZING TELEVISION PROGRAMS

SYSTEME D'ANALYSE D'EMISSIONS DE TELEVISION

Patent Applicant/Patent Assignee:

- CBS CORPORATION

Inventor(s):

- HULLINGER Rick A
- TROSKY William J
- MANDEL Alan F

	Country	Number	Kind	Date
Patent	WO	200007310	A1	20000210
Application	WO	99US16799		19990722
Priorities	US	98134667		19980730

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,
BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES,
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ,
VN, YU, ZA, ZW, GH, GM, KE, LS, MW, SD,
SL, SZ, UG, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW,
ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 11062

Claims:

...INTERFACE MACHINE

FIGN iSIGNAL FROM TV STATIONS 1 2SIGNAL INr32 34CLOSED-CAPTION
CAPTURE BOARD(WITH ON-BOARD TUNER) C VIDEO AUDIOOUT OUTIF /@ 36
IF /@--38VIDEO CAPTURE BOARD SOUND CARD40 FIGs 2SIGNAL FROM TV
STATIONS 1 2SERVERMASS STORAGE... ...oof ODUPDATESTART TEXT
STATUSCAPTURE --@-76 f @@ 81 - STOP TEXTSTART VIDEO
CAPTURECAPTURE TI E NO 84@78 8STOP VIDEOCAPTUREFIG 4 @1,82EXTRACT
HEADERDATA1@112- WRITE LINE DONEOBTAIN END... ...TRUNCATE LINE
54UPDATE HEADE (WHEN NECESSARY)@,118 (@1 24DETERMINE No READ
INPUT JVIDEO OFFSET -,1 20 LINE1 22 FIGs 5GENERALSTORES SCORES FOR
EVERY PHRASE SEEN... ...SEGMENTS@-166SEPARATE LONGSEGMENTSRE-
SCORE SAVE SEGMENTSSEGMENTS 172@170FIG 7LOAD VIDEOAND
TEXT'@192MARK TEXTT@ @1 94@CLASSIFY TEXT 190T@ @1 ...VOLJ& -E 10--
11 144 144 1 PLAY11 O@ I WI I VOLIV 10-N MUTET 0 0pR PRODUCTION
BREAKDOWN PRODUCTION BREAKDOWN PRODUCTIONDU F-1 LIVE...

4/3K/25 (Item 6 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00503246

CENSORING DEVICE TO CENSOR CLOSED CAPTIONING OF VIDEO SIGNAL
DISPOSITIF DE CENSURE POUR SOUS-TITRAGE CODE DE SIGNAL VIDEO

Patent Applicant/Patent Assignee:

- CAPTION TV INC

Inventor(s):

- LAPIERRE Diane

	Country	Number	Kind	Date
Patent	WO	9934598	A1	19990708
Application	WO	98CA1155		19981222
Priorities	US	97997531		19971223

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,
IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN,
YU, ZW, GH, GM, KE, LS, MW, SD, SZ, UG,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM,
AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE,
SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 6561

Detailed Description:

...when comparing received text with the objectionable text.

Preferably, the censoring device further includes an audio censor responsive to the closed caption censor to censor an audio component of the video signal. The audio censor mutes the audio component of the video signal generally corresponding at

least to removed portions of the separated closed captioning in response to the closed caption censor.

According to another aspect of the present invention there is provided a censoring device... ..captioned signal component and corresponding audio signal component of a video signal comprising.

a closed caption censor receiving the closed captioned signal component of said video signal and comparing words in said closed captioned signal component with offensive language stored in a dictionary therein, said closed caption censor removing words from the closed caption signal component corresponding to offensive words in said dictionary; and
an audio censor receiving the audio component of said video signal and muting at least the portion of the audio signal component generally corresponding to words removed from the closed caption signal component by said closed caption censor.

In still yet another aspect of the present invention there is provided a method... ..censoring device to censor an audio signal component of a video signal comprising.

a closed caption censor receiving a closed caption signal component of said video signal and comparing words in said closed caption signal component with offensive language stored in a dictionary; and
an audio censor receiving the audio component of said video signal, said audio censor being responsive to said closed caption censor and muting at least the portion of the audio signal component generally corresponding to words in said closed caption signal component corresponding with offensive language in said dictionary.

In still yet another aspect of...is placed ten frames ahead of its counterparts on channel I .

During processing the closed caption decoder 300 conveys the closed captioning from both channels of line 21 to the closed caption censor 400. The microprocessor 402 monitors the closed captioning from both channels of line 21... ..offensive text with replacement text. The microprocessor 402 also provides the control signal to the audio switch 440 ten frames later so that the audio signal 1 5 component corresponding to the offensive text carried on channel 1 is muted at the appropriate time. Since the length of the offensive word in the full closed captioning and the arrival time of its audio counterpart at the audio switch 440 are known in advance, the length of time the audio switch 440 is actuated to mute the audio signal component of the video signal can be more accurately controlled reducing the likelihood of inoffensive text being muted.

If the television set 200 is conditioned to inhibit closed captioning from being displayed or...

Claims:

...of said video signal.

13 A censoring device as defined in claim 12 wherein said audio censor mutes the audio component of said video signal generally corresponding at least to inhibited portions of the separated closed captioning in response to said closed caption censor.

14 A censoring device as defined in claim 13 wherein said audio censor includes...closed caption component. - 18

20 A censoring device as defined in claim 19 wherein said audio censor mutes the audio component of said video signal in response to said closed caption censor.

21 A censoring device as defined in claim 20 wherein said closed caption component device as defined in claim 20 wherein said closed caption component is carried on two channels, a first of said channels carrying closed captioning generally corresponding to the audio component of said video signals, a second of said channels carrying only offensive text appearing on said first channelon said second channel leading the counterpart offensive text on said first channel, said closed caption censor using offensive text detected on said second channel to actuate said audio censor at the appropriate time thereby to mute the audio component.

29 A censoring device as defined in claim 28 wherein offensive text on said... ..first channel.

30 A censoring device to censor a closed captioned signal component and corresponding audio signal component of a video signal comprising: a closed caption censor receiving the closed captioned signal component of said video signal and comparing words in said closed captioned signal component with offensive language stored in a dictionary therein, said closed caption censor removing words from the closed caption signal component corresponding to offensive words in said dictionary; and an audio censor receiving the audio component of said video signal and muting at least the portion of the audio signal component generally corresponding to words removed from the closed caption signal component by said closed caption censor.

31 A censoring device as defined in claim 30 wherein said closed caption censor...inhibited text in said closed captioned signal component.

41 A censoring device to censor an audio signal component of a video signal comprising: a closed caption censor receiving a closed caption signal component of said video signal and comparing words in said closed caption signal component with offensive language stored in a dictionary; and an audio censor receiving the audio component of said video signal, said audio censor being responsive to said closed caption censor and muting at least the portion of the audio signal component generally corresponding to words in said closed caption signal component corresponding with offensive language in said dictionary.

42 A censoring device as defined... ..in said dictionary.

45 A censoring device as defined in claim 41 wherein said closed caption component is carried on two channels, a first of said channels carrying closed captioning generally corresponding to the audio component of said video signals, a second of said channels carrying only offensive text appearing on said first channel... ..on said second channel leading the counterpart offensive text on said first channel, said closed caption censor using offensive text detected on said second channel to actuate said audio censor at the appropriate time thereby to mute the audio component. 1 5 46. A censoring device as defined in claim 45 wherein offensive text on said second channel is ten video signal frames ahead of counterpart offensive text on said first channel.

47 A method of...

4/3K/26 (Item 7 from file: 349) [Links](#)

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00500530

PROGRAM SIGNAL BLOCKING SYSTEM
SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION

Patent Applicant/Patent Assignee:

- THOMSON CONSUMER ELECTRONICS INC

- FORLER Joseph Wayne

Inventor(s):

- FORLER Joseph Wayne

	Country	Number	Kind	Date
Patent	WO	9931882	A1	19990624
Application	WO	97US23838		19971218
Priorities	WO	97US23838		19971218

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, GH, GM,
KE, LS, MW, SD, SZ, UG, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 4608

Detailed Description:

...signal refers to

preventing user access to an objectionable program by, for example,

5rendering the video black or otherwise indecipherable, muting the audio

and disabling the display of program related closed caption. When the program advisory information indicates that objectionable material is no longer being received, the V-chip system unblocks the program channel by displaying the video, unmuting the audio and/or enabling the display of program related closed caption.

The V-chip technology described above differs from previous channel blocking methods wherein a user...

4/3K/27 (Item 8 from file: 349) [Links](#)

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PCT FULLTEXT

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00500529

PROGRAM SIGNAL BLOCKING SYSTEM
SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION

Patent Applicant/Patent Assignee:

- THOMSON CONSUMER ELECTRONICS INC

- FORLER Joseph Wayne

Inventor(s):

- FORLER Joseph Wayne

	Country	Number	Kind	Date
Patent	WO	9931881	A1	19990624
Application	WO	97US23363		19971218
Priorities	WO	97US23363		19971218

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, GH, GM,
KE, LS, MW, SD, SZ, UG, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 5346

Detailed Description:

...signal refers to

preventing user access to an objectionable program by, for example,
rendering the video black or otherwise indecipherable, muting the audio

5and disabling the display of program related closed caption. When the program advisory information indicates that objectionable material is no longer being received, the V-chip system unblocks the program channel by displaying the video, unmuting the audio and/or enabling the display of program related closed caption.

I 0 One difficulty associated with the V-chip technology described above is the delay...

4/3K/28 (Item 9 from file: 349) [Links](#)

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00490006

AUTOMATED LANGUAGE FILTER

FILTRE DE LANGUE AUTOMATISE

Patent Applicant/Patent Assignee:

- BRAY James R

Inventor(s):

- BRAY James R

	Country	Number	Kind	Date
Patent	WO	9921358	A1	19990429
Application	WO	98US20753		19981002
Priorities	US	97954950		19971021

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU,
ZW, GH, GM, KE, LS, MW, SD, SZ, UG, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN,
TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 2893

Detailed Description:

AUTOMATED LANGUAGE FILTER

FIELD OF THE INVENTION

This invention relates to a muting device used in conjunction with electronic signals such as television broadcast, signals from videocassette recorders, etc. More specifically, to a device which utilizes the closed caption signal which is imbedded within the video portion of a

television or video signal to identify specific words or phrases. Once an undesirable word or phrase is detected, the invention would then mute the audio portion of the signal without altering the video portion of the television broadcast signal. Further, the closed caption signal is modified in that the offending word is removed from the signal. An acceptable ...method of blocking out an entire program and thus missing important information or by manually muting the audio portion and displaying the closed captioned text, the closed-captioned data would still include, and thus display specific undesired information on the screen. There is a need in which to mute specific words or 20 phrases while at the same time not effecting the video portion of the signal while displaying a modified closed caption signal.

SUMMARY OF THE INVENTION

The present invention is directed to a method and apparatus for processing a television or video signal in which the closed-captioned data contained within the video portion of the signal is analyzed for specific words or phrases. The present invention then mutes those words or phrases from the audio signal while not effecting the corresponding video portion of the signal. The device will then strip the identified word or phrase from... ..captioned signal, and it may replace it with another word or phrase. The modified closed caption segment may or may not be displayed depending on the devices settings. The mute is disabled when the closed caption command code to erase the modified closed captioned segment is 10 received.

The present invention...out 32, an audio (Left) out 34, and an audio (Right) out 36.

When a video portion of the television signal is received in video input 10 the closedcaptioned data contained therein is extracted and separated from the video feed by closedcaptioned data slicer 16. That information is then analyzed to see if inappropriate... ..phrases are contained therein by microprocessor 20. This analysis is performed by comparing the closed caption data against a library of words. and phrases stored within the microprocessor's memory. If... ..phrase is determined to be inappropriate a signal is sent to analog switch 26 to mute the audio portion of the signal as received in audio (Left) input 12 and audio (Right) input 14.

After a word or phrase is determined to be inappropriate, the microprocessor...

4/3K/29 (Item 10 from file: 349) [Links](#)

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00262495

RECORDING MEDIUM AND APPARATUS FOR LANGUAGE LEARNING AND
METHOD THEREOF

SUPPORT D'ENREGISTREMENT, APPAREIL D'APPRENTISSAGE DE LANGUES ET
PROCEDE ASSOCIE

Patent Applicant/Patent Assignee:

- KIM Young Sun

- KIM Young Min

Inventor(s):

- KIM Young Min

	Country	Number	Kind	Date
Patent	WO	9410664	A1	19940511
Application	WO	93KR94		19931023
Priorities	KR	9219548		19921023

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE,
DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK,
LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO,
RU, SD, SE, SK, UA, US, VN, AT, BE, CH,
DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 16212

Detailed Description:

...viewing the screen normally. Even if there is no noise, since the resolution of a video screen becomes lowered due to a dispersion phenomenon of the pause/still screen, the learner... ..be adversely affected. Even after the dialogical interval of reproducing apparatus 121 is finished, the video screen is reproduced until reproducing 121 is pause/still-operated, that is, the dialogist on the video screen mutters, with audio signal being muted. Therefore, according to the present invention, screen selection and caption generator 250 is controlled

in response to pause/still signal so that character caption is written by controller 238 on a monochromatic screen in the dialogical interval in which...signal from the microphone is turned on (steps S145 and S146).

Thereafter, if an external audio signal is input, the signal is output to speaker. If a fixed time T passes, pause/still of reproducing apparatus 121 is canceled monochromatic screen is turned off, audio signal is mute-released and the input signal from the microphone is turned off and caption display is turned on (steps S147 and S151). If second pause/still signal P2 is detected, monochromatic screen is turned on, caption display is turned off, audio signal is muted, the input signal from the microphone is turned off and then first dialogical interval T1... ..operated in first dialogical interval T1 and the learner speaks in second dialogical interval T2, muttering is resulted on video screen of second dialogical interval with the sound being muted in second dialogical interval T2, which may be overcome by changing the screen of second dialogical interval into monochromatic screen and by means of screen select and caption on/off selection by which caption of dialogical contents is displayed. In case dialogical intervals are not interchanged, caption is displayed on video screen of first dialogical interval at the time of recording on a recording medium itself and the mode to be done by the learner is recorded so that caption is displayed on monochromatic screen.

Therefore, the aforementioned problem may be overcome even if there...APPARATUS

210 KEY INPUT UNIT

220 PAUSE/STILL SIGNAL DETECTOR

230 DIALOGICAL LEARNING CONTROLLER

240 AUDIO INPUT UNIT

250 SCREEN SELECTION AND CAPTION GENERATOR

260 RADIO-FREQUENCY CONVERTER

300 DISPLAY

310 DISPLAY UNIT

320 SPEAKER

FIGS.6A AND... ..GENERATOR

236 FIRST LOW-PASS FILTER

237 SECOND LOW-PASS FILTER

238 CONTROLLER

239 FIRST AUDIO SIGNAL OUTPUT CONTROLLER

239' SECOND AUDIO SIGNAL OUTPUT CONTROLLER

240 MICROPHONE

241 - 243 BUFFER

250 SCREEN SELECTION AND CAPTION GENERATOR

251 SYNCHRONIZING SEPARATOR

252 CAPTION UNIT

253 SWITCHING UNIT

260 WIRE OR WIRELESS TRANSMITTER

261 RELAY

262 REMOTE CONTROL CIRCUIT

... S6: IS PAUSE/STILL SIGNAL DETECTED?

S7: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM

S8: EXTERNAL AUDIO SIGNAL INPUT "ON"

S9: IS EXTERNAL AUDIO SIGNAL INPUT?

S10: OUTPUT TO SPEAKER

S 1 1: HAS A FIXED TIME (T) PASSED?
 S12: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S13: EXTERNAL AUDIO SIGNAL INPUT "OFF"
 FIG.9A
 START
 SIOI: INITIALIZATION
 S102: IS DIALOGICAL MODE KEY INPUT?
 S103: IS THE MODE FIRST SECTION MODE?
 S104: IS CAPTION DISPLAY ON/OFF?
 S105: IS REPRODUCTION KEY INPUT?
 S106: REPRODUCTION
 S107: IS FIRST PAUSE/STILL SIGNAL DETECTED?
 S108: MONOCHROMATIC SCREEN "ON"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE"
 MICROPHONE SIGNAL INPUT "OFF"
 S109: REPRODUCTION
 S110: IS SECOND PAUSE/STILL SIGNAL DETECTED?
 SL... SHEET (RULE 26)
 S 1 12: MICROPHONE SIGNAL INPUT "ON"
 S 1 13: IS EXTERNAL AUDIO SIGNAL INPUT?
 S114: OUTPUT TO SPEAKER
 S115: HAS A FIXED TIME (T) PASSED?
 S116: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S117: MONOCHROMATIC SCREEN "OFF"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE-RELEASED"
 MICROPHONE SIGNAL INPUT "OFF"
 S118: NORMAL REPRODUCTION --ap STOP
 FIG.913
 S119: IS FIRST PAUSE/STILL SIGNAL DETECTED?
 S120: MONOCHROME SCREEN "ON"
 CAPTION DISPLAY "OFF"
 AUDIO SIGNAL "MUTE"
 MICROPHONE SIGNAL INPUT "OFF"
 S121: REPRODUCTION
 S122: IS SECOND PAUSE/STILL SIGNAL DETECTED?
 S123: PAUSE/STILL OPERATION OF REPRODUCING APPARATUS
 S124: MICROPHONE SIGNAL INPUT "ON"
 S125: IS EXTERNAL AUDIO SIGNAL INPUT?
 S126: OUTPUT TO SPEAKER
 S127: HAS A FIXED TIME (T) PASSED?
 S128: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING APPARATUS
 S129: MONOCHROMATIC SCREEN "OFF"
 CAPTION DISPLAY "ON"
 AUDIO SIGNAL "MUTE-RELEASED"
 MICROPHONE SIGNAL INPUT "OFF"

SUBSTITUTE SHEET (RULE 26)

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FIG.9C

S130: IS THE MODE SECOND SELECTION MODE?

S131: IS CHARACTER CAPTION ON/OFF?

S132: IS REPRODUCTION KEY INPUT?

S133: REPRODUCTION

S134: IS FIRST PAUSE/STILL SIGNAL... ..S135: PAUSE/STILL OPERATION OF
REPRODUCING APPARATUS

S136: MICROPHONE SIGNAL INPUT "ON"

S137: IS EXTERNAL AUDIO SIGNAL INPUT?

S138: OUTPUT TO SPEAKER

S139: HAS A FIXED TIME (T) PASSED?

S140: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING
APPARATUS

S141: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE-RELEASED"

MICROPHONE SIGNAL INPUT "OFF"

S142: IS SECOND PAUSE/STILL SIGNAL DETECTED?

S143: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE"

MICROPHONE SIGNAL INPUT "OFF"

S143': REPRODUCTION

FIG.91)

S144: IS FIRST PAUSE/STILL SIGNAL DETECTED?

S145: PAUSE/STILL OPERATION OF REPRODUCING APPARATUS

S146: MICROPHONE SIGNAL INPUT "ON"

S147: IS EXTERNAL AUDIO SIGNAL INPUT?

S148: OUTPUT TO SPEAKER

S149: HAS A FIXED TIME (T) PASSED?

SUBSTITUTE SHEET (RULE 26)

S150: PAUSE/STILL-RELEASE OPERATION OF REPRODUCING
APPARATUS

S151: MONOCHROMATIC SCREEN "OFF"

CAPTION DISPLAY "ON"

AUDIO SIGNAL "MUTE-RELEASED"

MICROPHONE SIGNAL INPUT "OFF"

S152: IS SECOND PAUSE/STILL SIGNAL DETECTED?

S153: MONOCHROMATIC SCREEN "ON"

CAPTION DISPLAY "OFF"

AUDIO SIGNAL "MUTE "

MICROPHONE SIGNAL INPUT "OFF"

S 154: REPRODUCTION

FIG. 10

1 1 1 VIDEO SIGNAL PROCESSOR

112 LOW-PASS FILTER

113 AUDIO SIGNAL PROCESSOR

114 TIMER MICROCOMPUTER
115 MICROCOMPUTER
116 SERVO UNIT
117 REPRODUCTION MECHANISM UNIT
118... ...FIRST PAUSE/STILL SIGNAL GENERATOR
123 SECOND PAUSE/STILL SIGNAL GENERATOR
124 MICROPHONE
125 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
125' SECOND AUDIO SIGNAL OUTPUT CONTROLLER
126 NOISE REMOVER
127 AMPLIFIER
128 PAUSE/STILL RELEASE SIGNAL GENERATOR
SUBSTITUTE SHEET (RULE 26)
FIG. 11
230 DIALOGICAL LEARNING CONTROLLER
500 REPRODUCTION MECHANISM UNIT
501 VIDEO SIGNAL PROCESSOR
502 AUDIO SIGNAL PROCESSOR
503 KEY INPUT UNIT
504 TIMER MICROCOMPUTER
505 MICROCOMPUTER
506 SERVO UNIT
510... ...FIRST PAUSE/STILL SIGNAL GENERATOR
522 SECOND PAUSE/STILL SIGNAL GENERATOR
530 MICROPHONE
531 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
53 V SECOND AUDIO SIGNAL OUTPUT CONTROLLER
532 NOISE REMOVER
533 AMPLIFIER
540 PAUSE/STILL RELEASE SIGNAL GENERATOR
550... ...INPUT UNIT
653 NOISE REMOVER
654 AMPLIFIER
660 PAUSE/STILL RELEASE SIGNAL GENERATOR
652 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
652' SECOND AUDIO SIGNAL OUTPUT CONTROLLER
640 MICROCOMPUTER
691 - 693 BUFFER
610 CAPTION UNIT
670 WIRE OR WIRELESS TRANSMITTER
671 RELAY
672 REMOTE CONTROL CIRCUIT
620 RADIO-FREQUENCY... ...SHEET (RULE 26)
LEFT SPEAKER
680' RIGHT SPEAKER
FIG. 14
START
INITIALIZATION
S301: IS THERE CAPTION SIGNAL OR NOT?

S302: IS 16 BIT CAPTION SIGNAL "O"?
S303: OUTPUT OF FIRST PAUSE/STILL SIGNAL
S304: IS 16 BIT CAPTION SIGNAL "I"?
S305: OUTPUT OF SECOND PAUSE/STILL SIGNAL
FIG. 15
151 REPRODUCTION MECHANISM UNIT
152 SERVO UNIT
153 VIDEO SIGNAL PROCESSOR
154 CAPTION PROCESSOR
155 AUDIO SIGNAL PROCESSOR
156 MICROCOMPUTER
157 TIMER MICROCOMPUTER
158 KEY INPUT UNIT
159 BUFFER
160 MICROPHONE
161 FIRST AUDIO SIGNAL OUTPUT CONTROLLER
162 NOISE REMOVER
163 AMPLIFIER
164 PAUSE/STILL RELEASE SIGNAL GENERATOR
FIG... ..FIG. 17
710 KEY INPUT UNIT
720 TIMER MICROCOMPUTER
730 MICROCOMPUTER
740 SERVO UNIT
750 VIDEO SIGNAL PROCESSOR
760 AUDIO SIGNAL PROCESSOR
771 FIRST PAUSE/STILL SIGNAL OSCILLATOR
772 SECOND PAUSE/STILL SIGNAL OSCILLATOR
781...FIG. 18
810 KEY INPUT UNIT
820 TIMER MICROCOMPUTER
830 MICROCOMPUTER
840 SERVO UNIT
850 VIDEO SIGNAL PROCESSOR
860 AUDIO SIGNAL PROCESSOR
871 FIRST PAUSE/STILL SIGNAL OSCILLATOR
872 SECOND PAUSE/STILL SIGNAL OSCILLATOR
880... ..S25: IS PAUSE/STILL SIGNAL DETECTED?
S26: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM
S27: EXTERNAL AUDIO SIGNAL INPUT "ON"
S28: IS EXTERNAL AUDIO SIGNAL INPUT?
S29: OUTPUT TO SPEAKER
S30: HAS A FIXED TIME (T) PASSED?
S31: PAUSE... ..SET RESPONSE NUMBER = COUNTED NUMBER?
S33: PAUSE/STILL-RELEASE OPERATION OF REPRODUCTION SYSTEM
S34: EXTERNAL AUDIO SIGNAL INPUT "OFF"
S35: REPRODUCTION
S36: IS PAUSE/STILL SIGNAL DETECTED?
S37: PAUSE/STILL OPERATION OF REPRODUCTION SYSTEM

S38: EXTERNAL AUDIO SIGNAL INPUT "ON"

S39: IS EXTERNAL AUDIO SIGNAL INPUT?

S40: OUTPUT TO SPEAKER

S41: HAS A FIXED TIME (T) PASSED?

S42: PAUSE...

